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Saskatchewan

Données sur les eaux de surface

1987

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1988

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Regina, Saskatchewan.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Regina (Saskatchewan).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1987 calendar year, the results of the hydrometric survey investigations which were made in Saskatchewan by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
G.M.C. Building,
1102-8th Avenue,
Regina, Saskatchewan
S4R 1C9
(306 780-5338)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3(819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1987, the hydrometric surveys in Saskatchewan were conducted by the Water Survey of Canada under agreement with the Province of Saskatchewan. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

INTRODUCTION

La Direction des ressources en eau du ministere de l'Environnement présente, pour l'année civile 1987, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Saskatchewan.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des donnees récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice G.M.C.
1102, Huitième avenue
Regina (Saskatchewan)
S4R 1C9
(306 780-5338)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3(819 997-2098).

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1987, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Saskatchewan en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

Stream measurement work was carried on between 1894 and 1908 in connection with the Canadian Irrigation Surveys. Early in 1909 the Hydrometric Survey was organized as part of the Forestry and Irrigation Branch and was conducted by the Branch until 1911. The Hydrometric Survey was then assigned to the Irrigation Branch (later the Reclamation Service) remaining in that organization until July, 1920, when it was transferred to the Dominion Water Power Branch. Following the transfer of the natural resources of Saskatchewan to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Saskatchewan for the continuance of the hydrometric survey by the federal government. Although this agreement was terminated in 1933 work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Saskatchewan on February 18, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Agriculture Canada, PFRA.

Provincial – Saskatchewan Power Corporation;
Saskatchewan Research Council;
Saskatchewan Department of the Environment.

Private – Churchill River Power Company;
University of Saskatchewan.

Entre 1894 et 1908, des relevés ont été effectués en même temps que les levés canadiens relatifs à l'irrigation. Au début de l'année 1909, un service des relevés hydrométriques a été créé au sein de la Direction des forêts et de l'irrigation, qui s'en est occupée jusqu'en 1911. L'exécution de ces relevés a ensuite été confiée à la Direction de l'irrigation (devenue plus tard le Service de la mise en valeur des terres), et ce jusqu'en juillet 1920, date à laquelle la Direction fédérale de l'énergie hydraulique en a pris charge. Après que la responsabilité des ressources naturelles de la Saskatchewan a passé à cette dernière, le 1er octobre 1930, un accord de coopération a été conclu avec son gouvernement, aux termes duquel le gouvernement fédéral s'est engagé à poursuivre l'exécution des relevés hydrométriques. L'accord a pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 18 février 1975, le gouvernement de la Saskatchewan a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Agriculture Canada (ARAP).

Niveau provincial – *Saskatchewan Power Corporation*,
Conseil de recherche de la Saskatchewan,
Ministère de l'Environnement de la Saskatchewan.

Secteur privé – *Churchill River Power Company*,
Université de la Saskatchewan.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit − 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

EQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impériais
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit − 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and disc .arges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de reference des donnees sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. A partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplement de cartes hydrometriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de reference* et celle du *Supplement de cartes hydrometriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. A partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs ou des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. A partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porte sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1 *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des donnees mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contigues aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les donnees grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Donnees fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Debit naturel ou *regularise* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de reference des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas pu .ées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les revisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des donnees hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnee de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degre d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des donnees sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les donnees sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numero de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numero de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ADAMS LAKE - STATION NO 11AB005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	1185.530	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	1185.488E	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	1188.251	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	1185.483	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	1188.190E	1188.238E	1188.070E	1185.487E	1185.478E	1185.440E	1185.505E	1185.558E	---	---	9
10	---	---	1188.192	---	---	---	---	---	---	---	---	---	10
11	---	1188.142	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	1188.040E	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	1188.188E	---	1185.485E	---	---	1185.480E	---	---	---	19
20	---	---	1188.214E	---	1187.230E	---	1185.438E	1185.482E	---	1185.514E	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	1185.474	---	---	---	22
23	---	1188.163E	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	1187.062	---	---	---	---	1185.442E	---	---	26
27	---	---	---	---	---	---	---	---	---	1185.448	---	---	27
28	---	1188.172E	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	1188.143	---	1185.484E	1185.400	---	1185.505E	---	---	---	29
30	---	---	1188.238E	1188.138E	1187.038E	1185.484E	1185.402E	1185.522E	1185.512E	---	---	---	30
31	---	---	1188.239E	---	1187.032E	---	1185.408E	1185.528E	---	1185.866E	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 1188.251 ON APR 6
MINIMUM DAILY, 1185.400 ON JUL 29

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 38 33 N
LONG 108 50 14 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ALCOTT CREEK ABOVE MEADOW LAKE - STATION NO 08AD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0838	0.0838	0.842	0.087	0.023	0.380	0.071	0.102	---	---	1
2	---	---	0.0838	0.0858	0.797	0.145	0.017	0.257	0.088	0.100	---	---	2
3	---	---	0.0838	0.1158	0.755	0.184	0.175	0.172	0.061	0.088	---	---	3
4	---	---	0.0838	0.3508	0.886	0.182	0.089	0.145	0.075	0.081	---	---	4
5	---	---	0.0838	0.6008	0.810	0.187	0.058	0.108	0.052	0.075	---	---	5
6	---	---	0.0838	1.108	0.837	0.148	0.112	0.081	0.052	0.071	---	---	6
7	---	---	0.0838	2.258	0.595	0.134	0.383	0.047	0.039	0.075	---	---	7
8	---	---	0.0838	1.888	0.813	0.116	0.334	0.021	0.039	0.075	---	---	8
9	---	---	0.0838	1.898	0.548A	0.094	0.236	0.021	0.059	0.077	---	---	9
10	---	---	0.0838	1.578	0.510E	0.105	0.189	0.017	0.109	0.138	---	---	10
11	---	---	0.0838	1.288	0.470E	0.095	0.181	0.057	0.150	0.107	---	---	11
12	---	---	0.0838	1.208	0.430E	0.084	0.178	0.123	0.138	0.087	---	---	12
13	---	---	0.0838	1.188	0.400E	0.053	0.136	0.180	0.140	0.041	---	---	13
14	---	---	0.0838	1.178	0.385E	0.048	0.092	0.183	0.129	0.058	---	---	14
15	---	---	0.0838	1.228	0.335E	0.035	0.159	0.241	0.120	0.030	---	---	15
16	---	---	0.0838	1.288	0.310E	0.025	0.218	0.221	0.132	0.014	---	---	16
17	---	---	0.0838	1.388	0.285E	0.018	0.217	0.193	0.125	0.015	---	---	17
18	---	---	0.0838	1.32	0.255E	0.014	0.182	0.322	0.124	0.023	---	---	18
19	---	---	0.0838	1.29	0.235E	0.019	0.184	0.250	0.111	0.022	---	---	19
20	---	---	0.0838	1.35	0.220E	0.013	0.258	0.127	0.115	0.025	---	---	20
21	---	---	0.0838	1.26	0.198A	0.020	0.300	0.125	0.118	0.025	---	---	21
22	---	---	0.0838	1.25	0.155	0.018	0.243	0.058	0.123	0.023	---	---	22
23	---	---	0.0838	1.14	0.248	0.014	0.308	0.077	0.123	0.028	---	---	23
24	---	---	0.0838	1.12	0.209	0.017	0.473	0.088	0.121	0.014	---	---	24
25	---	---	0.0838	1.14	0.163	0.013	0.389	0.132	0.120	0.016	---	---	25
26	---	---	0.0838	1.14	0.148	0.013	0.273	0.130	0.118	0.017A	---	---	26
27	---	---	0.0838	1.11	0.122	0.007	0.259	0.121	0.117	0.017E	---	---	27
28	---	---	0.0838	1.03	0.121	0.007	0.216	0.198	0.118	0.017E	---	---	28
29	---	---	0.0838	0.935	0.261	0.009	0.173	0.227	0.120	0.017E	---	---	29
30	---	---	0.0838	0.878	0.158	0.012	0.210	0.159	0.111	0.017E	---	---	30
31	---	---	0.0838		0.084		0.282	0.122		0.017E	---	---	31
TOTAL	---	---	2.683	33.677	11.740	1.889	5.478	4.516	3.077	1.487	---	---	TOTAL
MEAN	---	---	0.083	1.12	0.378	0.063	0.209	0.146	0.103	0.048	---	---	MEAN
MAX	---	---	0.083	2.25	0.842	0.184	0.473	0.380	0.150	0.128	---	---	MAX
MIN	---	---	0.083	0.083	0.084	0.007	0.017	0.017	0.039	0.014	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.258
MAXIMUM DAILY, 2.258 ON APR 7
MINIMUM DAILY, 0.007 ON JUN 27
MAXIMUM INSTANTANEOUS,
2.47 AT 20:55 CST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 10 N
LONG 107 58 30 W
DRAINAGE AREA, 418 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	580
FEB	---	AUG	390
MAR	249	SEP	266
APR	2 910	OCT	128
MAY	1 010	NOV	---
JUN	183	DEC	---

TOTAL DISCHARGE, 5 880 dam³

ALTAWAN RESERVOIR NEAR GOVENLOCK - STATION NO 11AB089

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	899.031	899.724	899.686	898.847	898.741	898.252	898.196	897.882	---	---	1
2	---	---	899.023	899.837	899.672	898.837	898.738	898.242	898.194	897.785	---	---	2
3	---	---	899.027	899.888	899.663	898.837	898.736	898.236	898.177	897.700	---	---	3
4	---	---	899.040	900.067	899.651	898.843	898.727	898.237	898.175	897.598	---	---	4
5	---	---	899.310	900.095	899.656	898.843	898.715	898.228	898.178	897.558	---	---	5
6	---	---	899.589	900.110	899.654	898.837	898.706	898.224	898.174	897.585	---	---	6
7	---	---	899.827	900.108	899.649	898.831	898.703	898.222	898.171	897.557	---	---	7
8	---	---	899.787	900.098	899.641	898.816	898.696A	898.215	898.174	897.550	---	---	8
9	---	898.982A	899.800	900.084	899.629	898.815	898.671	898.208	898.167	897.530	---	---	9
10	---	898.988	899.344	900.046	899.614	898.819	898.601	898.208	898.165	897.533	---	---	10
11	---	898.994	899.247	900.023	899.788	898.831	898.538	898.188	898.167	897.541	---	---	11
12	---	899.008	899.201	900.002	899.784	898.830	898.476	898.182	898.173	897.547	---	---	12
13	---	899.051	899.177	899.988	899.784	898.828	898.420	898.181	898.173	897.541	---	---	13
14	---	899.083	899.172	899.982	899.787	898.825	898.354	898.185	898.188	897.537	---	---	14
15	---	899.086	899.206	899.970	899.726	898.819	898.293	898.184	898.186	897.532	---	---	15
16	---	899.100	899.338	899.960	899.635	898.808	898.215	898.183	898.151	897.523	---	---	16
17	---	899.102	899.322	899.963	899.588	898.787	898.140	898.179	898.145	897.526	---	---	17
18	---	899.092	899.245	899.962	899.484	898.793	898.083	898.180	898.140	897.519	---	---	18
19	---	899.081	899.210	899.951	899.401	898.787	898.027	898.181	898.143	897.519	---	---	19
20	---	899.093	899.207	899.948	899.318	898.781	897.969	898.179	898.137	897.512	---	---	20
21	---	899.087	899.178	899.950	899.235	898.801	897.906	898.188	898.138	897.514	---	---	21
22	---	899.090	899.154	899.942	899.164	898.791	897.864	898.188	898.140	897.511	---	---	22
23	---	899.080	899.134	899.925	899.098	898.777	897.834	898.188	898.134	897.504	---	---	23
24	---	899.065	899.113	899.923	899.026	898.769	897.829	898.170	898.119	897.501	---	---	24
25	---	899.053	899.108	899.919	898.982	898.768	897.828	898.186	898.116	897.494	---	---	25
26	---	899.048	899.214	899.910	898.89[illegible]	898.769	897.843	898.198	898.109	897.503	---	---	26
27	---	899.037	899.388	899.906	898.858	898.784	897.841	898.201	898.104	897.486	---	---	27
28	---	899.032	899.525	899.906	898.858	898.749	897.836	898.204	898.104	897.486	---	---	28
29	---		899.614	899.902	898.880	898.748	897.839	898.201	898.083	897.500E	---	---	29
30	---		899.680	899.901	898.857	898.744	898.082	898.192	897.985	897.505	---	---	30
31	---		899.693		898.858		898.261	898.198		897.502E	---	---	31
MEAN	---	---	899.316	899.969	899.485	898.804	898.274	898.198	898.146	897.552	---	---	MEAN
MAX	---	---	899.827	900.110	899.886	898.847	898.741	898.252	898.198	897.882	---	---	MAX
MIN	---	---	899.023	899.724	898.858	898.744	897.828	898.158	897.985	897.494	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY 900.110 ON APR 8

MAXIMUM INSTANTANEOUS
900.126 AT 18 23 CST ON APR 8

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 00 N
LONG 109 55 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

AMISK LAKE NEAR FLIN FLON - STATION NO. 05KG003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.070	1.051	1.033	1.003	1.012	1.050	1.090	1.080	0.987	0.916	0.877	0.836	1
2	1.072	1.047	1.031	1.001	1.012	1.047	1.088	1.068	0.987	0.930	0.878	0.835	2
3	1.070	1.051	1.028	0.998	1.015	1.048	1.071	1.057	0.980	0.921	0.880	0.838	3
4	1.088	1.049	1.030	0.993	1.020	1.048	1.081	1.088	0.980	0.916	0.865	0.835	4
5	1.070	1.048	1.029	0.994	1.024	1.048	1.087	1.054	0.980	0.928	0.889	0.836	5
6	1.068	1.048	1.028	0.992	1.028	1.045	1.087	1.051	0.988	0.928	0.884	0.837	6
7	1.068	1.045	1.024	0.994	1.028	1.051	1.071	1.055	0.984	0.918	0.856	0.834	7
8	1.068	1.047	1.022	0.992	1.029	1.057	1.078	1.049	0.984	0.907	0.850	0.838	8
9	1.066	1.046	1.020	0.991	1.021	1.055	1.075	1.038	0.982	0.923	0.858	0.836	9
10	1.065	1.045	1.018	0.989	1.023	1.059	1.084	1.034	0.980	0.923	0.857	0.832	10
11	1.064	1.048	1.018	0.985	1.027	1.067	1.084	1.035	0.980	0.915	0.850	0.836	11
12	1.061	1.047	1.013	0.989	1.024	1.068	1.087	1.062	0.978	0.914	0.852	0.835	12
13	1.063	1.064	1.012	0.987	1.030	1.072	1.088	1.052	0.975	0.918	0.847	0.836	13
14	1.061	1.051	1.009	0.989	1.028	1.070	1.086	1.043	0.970	0.908	0.838	0.836	14
15	1.057	1.051	1.010	0.989	1.027	1.064	1.088	1.038	0.968	0.905	0.848	0.832	15
16	1.059	1.051	1.011	0.993	1.027	1.062	1.083	1.041	0.969	0.908	0.848	0.832	16
17	1.058	1.048	1.012	0.993	1.027	1.072	1.089	1.042	0.964	0.908	0.848	0.831	17
18	1.053	1.048	1.010	0.991	1.031	1.072	1.089	1.038	0.962	0.898	0.849	0.831	18
19	1.058	1.048	1.013	0.993	1.027	1.071	1.086	1.034	0.963	0.885	0.844	0.833	19
20	1.054	1.045	1.014	0.998	1.013	1.068	1.086	1.033	0.960	0.889	0.840	0.838	20
21	1.058	1.043	1.024	0.997	1.017	1.064	1.087	1.023	0.961	0.889	0.840	0.837	21
22	1.063	1.043	1.026	1.003	1.018	1.076	1.086	1.018	0.957	0.892	0.838	0.836	22
23	1.060	1.041	1.020	1.003	1.018	1.065	1.089	1.019	0.954	0.882	0.837	0.835	23
24	1.048	1.040	1.020	1.000	1.018	1.065	1.087	1.012	0.952	0.900	0.837	0.834	24
25	1.047	1.038	1.017	1.002	1.014	1.071	1.083	1.009	0.951	0.893	0.837	0.836	25
26	1.051	1.037	1.015	1.008	1.016	1.072	1.084	1.008	0.948	0.884	0.840	0.838	26
27	1.051	1.033	1.012	1.007	1.018	1.071	1.086	1.008	0.941	0.880	0.840	0.836	27
28	1.048	1.032	1.010	1.010	1.010	1.065	1.083	1.008	0.943	0.881	0.840	0.834	28
29	1.053		1.007	1.011	1.025	1.065	1.081	1.003	0.932	0.876	0.838	0.836	29
30	1.048		1.006	1.011	1.025	1.067	1.075	0.995	0.935	0.880	0.839	0.837	30
31	1.050		1.003		1.032		1.078	0.994		0.873		0.836	31
MEAN	1.059	1.045	1.017	0.997	1.022	1.064	1.083	1.034	0.957	0.903	0.851	0.835	MEAN
MAX	1.072	1.064	1.033	1.011	1.032	1.065	1.088	1.080	0.988	0.930	0.880	0.839	MAX
MIN	1.047	1.032	1.003	0.988	1.010	1.045	1.080	0.994	0.932	0.873	0.837	0.831	MIN

WATER LEVELS IN METRES

MEAN, 0.990
MAXIMUM DAILY, 1.088 ON JUL 13
MINIMUM DAILY, 0.831 ON DEC 17
MAXIMUM INSTANTANEOUS,
1.124 AT 20 41 CST ON JUN 23

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL WAS A RESULT OF WIND SET-UP

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 39 53 N
LONG 102 04 55 W

NATURAL FLOW

DRAINAGE AREA,
14 600 km^2

ANGLIN LAKE RESERVOIR - STATION NO. 05EE005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	515.331	515.388	515.402	515.436	515.505	515.391	515.285	515.338	515.393	515.323	515.251	515.284	1
2	515.333	515.387	515.402	515.436	515.500	515.388	515.247	515.347	515.385	515.300	515.248	515.288	2
3	515.334	515.388	515.402	515.438	515.500	515.384	515.243	515.349	515.400	515.289	515.242	515.275	3
4	515.335	515.388	515.402	515.436	515.495	515.381	515.275	515.338	515.396	515.304	515.243	515.275	4
5	515.336	515.388	515.403	515.443	515.503	515.378	515.276	515.342	515.392	515.299	515.239	515.277	5
6	515.338	515.388	515.402	515.448	515.493	515.373	515.278	515.341	515.388	515.296	515.239	515.278	6
7	515.337	515.388	515.401	515.458	515.482	515.388	515.277	515.338	515.392	515.291	515.243	515.279	7
8	515.339	515.370	515.404	515.470	515.488	515.389	515.289	515.344	515.381	515.306	515.240	515.283	8
9	515.338	515.372	515.403	515.483	515.463	515.350	515.275	515.338	515.389	515.294	515.241	515.285	9
10	515.336	515.373	515.403	515.485	515.485	515.347	515.284	515.358	515.392	515.284	515.242	515.291	10
11	515.336	515.378	515.403	515.488	515.475	515.350	515.274	515.377	515.390	515.288	515.244	515.293	11
12	515.338	515.380	515.404	515.488	515.471	515.344	515.288	515.383	515.391	515.288	515.245	515.294	12
13	515.336	515.381	515.406	515.490	515.468	515.340	515.284	515.389	515.389	515.284	515.247	515.294	13
14	515.342	515.384	515.406	515.481	515.461	515.332	515.286	515.374	515.395	515.279	515.249	515.295	14
15	515.343	515.386	515.418	515.481	515.458	515.330	515.292	515.377	515.378	515.281	515.249	515.297	15
16	515.340	515.384	515.415	515.480	515.457	515.323	515.300	515.378	515.372	515.272	515.250	515.298	16
17	515.343	515.388	515.417	515.486	515.448	515.328	515.300	515.383	515.344	515.267	515.254	515.313	22
18	515.353	515.387	515.418	515.488	515.438	515.308	515.302	515.384	515.362	515.274	515.251	515.300	17
19	515.353	515.388	515.423	515.506	515.433	515.305	515.307	515.384	515.358	515.276	515.252	515.306	18
20	515.358	515.390	515.427	515.508	515.436	515.303	515.312	515.390	515.348	515.284	515.252	515.309	19
21	515.358	515.391	515.427	515.507	515.418	515.302	515.315	515.388	515.343	515.282	515.252	515.310	20
22	515.358	515.392	515.429	515.510	515.412	515.295	515.318	515.393	515.344	515.287	515.254	515.313	21
23	515.360	515.393	515.427	515.511	515.411	515.285	515.321	515.388	515.342	515.288	515.254	515.314	22
24	515.361	515.394	515.428	515.513	515.407	515.278	515.320	515.389	515.335	515.286	515.255	515.314	23
25	515.360	515.394	515.427	515.518	515.408	515.278	515.322	515.385	515.328	515.288	515.258	515.316	24
26	515.361	515.394	515.427	515.523	515.408	515.281	515.318	515.389	515.325	515.280	515.258	515.316	25
27	515.361	515.395	515.428	515.514	515.414	515.281	515.320	515.395	515.330	515.285	515.258	515.317	26
28	515.362	515.396	515.426	515.525	515.417	515.258	515.325	515.400	515.316	515.284	515.260	515.319	27
29	515.366		515.427	515.514	515.408	515.247	515.318	515.404	515.316	515.284	515.261	515.322	28
30	515.367		515.427	515.513	515.401	515.250	515.335	515.397	515.309	515.252	515.263	515.327	29
31	515.367		515.428		515.393		515.348	515.388		515.263		515.330	30
													31
MEAN	515.348	515.382	515.415	515.488	515.450	515.324	515.295	515.373	515.368	515.278	515.250	515.298	MEAN
MAX	515.367	515.398	515.429	515.525	515.505	515.388	515.348	515.404	515.400	515.323	515.263	515.328	MAX
MIN	515.331	515.387	515.401	515.436	515.393	515.247	515.243	515.338	515.309	515.252	515.239	515.284	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 515.355
MAXIMUM DAILY, 515.525 ON APR 25
MINIMUM DAILY, 515.239 ON NOV 5
MAXIMUM INSTANTANEOUS,
515.531 AT 01.15 CST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 50 N
LONG 108 00 30 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET-UP

ANTELOPE CREEK NEAR CABRI - STATION NO. 05HC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.014	0.001	0	0	0	0	0	---	---	1
2	---	0 B	0 B	0.008	0.003	0	0	0	0	0	---	---	2
3	---	0 B	0.0248	0.003	0.004	0	0	0	0	0	---	---	3
4	---	0 B	0.0898	0	0.008	0	0	0	0	0	---	---	4
5	---	0.0018	0.0588	0	0.005	0	0	0	0	0	---	---	5
6	---	0.0028	0.0368	0	0.005	0	0	0	0	0	---	---	6
7	---	0.0038	0.0338	0	0.006	0	0	0	0	0	---	---	7
8	---	0.0078	0.0328	0	0.005	0	0	0	0	0	---	---	8
9	---	0.0138	0.0138	0	0.005	0	0	0	0	0	---	---	9
10	---	0.0208	0.0178	0	0.004	0	0	0	0	0	---	---	10
11	---	0.0208	0.0128	0	0.004	0	0	0	0	0	---	---	11
12	---	0.0018	0.0128	0	0.004	0	0	0	0	0	---	---	12
13	---	0.0088	0.0138	0	0.003	0	0	0	0	0	---	---	13
14	---	0.0138	0.0148	0	0.004	0	0	0	0	0	---	---	14
15	---	0.0088	0.0278	0	0.006	0	0	0	0	0	---	---	15
16	---	0.0068	0.0228	0	0.007	0	0	0	0	0	---	---	16
17	---	0.0188	0.0228	0	0.008	0	0	0	0	0	---	---	17
18	---	0.0108	0.0268	0	0.010	0	0	0	0	0	---	---	18
19	---	0.0068	0.0148	0	0.008	0	0	0	0	0	---	---	19
20	---	0.0018	0.0208	0	0.008	0	0	0	0	0	---	---	20
21	---	0.0018	0.0288	0	0.008	0	0	0	0	0	---	---	21
22	---	0.0018	0.0218	0	0.009	0	0	0	0	0	---	---	22
23	---	0.0018	0.0238	0	0.010	0	0	0	0	0	---	---	23
24	---	0 B	0.0318	0	0.008	0	0	0	0	0	---	---	24
25	---	0 B	0.0778	0	0.001	0	0	0	0	0	---	---	25
26	---	0 B	0.2368	0	0	0	0	0	0	0	---	---	26
27	---	0 B	0.1738	0	0	0	0	0	0	0	---	---	27
28	---	0 B	0.1218	0	0	0	0	0	0	0	---	---	28
29	---		0.0808	0	0	0	0	0	0	0	---	---	29
30	---		0.062	0	0	0	0	0	0	0	---	---	30
31	---		0.038		0		0	0		0		---	31
TOTAL	---	0.152	1.389	0.035	0.139	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.005	0.044	0.001	0.004	0	0	0	0	0	---	---	MEAN
MAX	---	0.030	0.238	0.014	0.010	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.2368 ON MAR 26
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.2458 AT 01.55 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 41 N
LONG 108 22 50 W
DRAINAGE AREA, 244 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	13.1	AUG	0
MAR	119	SEP	0
APR	3.16	OCT	0
MAY	12.0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 145 dam³

ANTLER RIVER NEAR WAUCHOPE - STATION NO 05NF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1 91 B	0 028	0 005	0	0	0	0	---	---	1
2	---	---	0 B	1 57 B	0 023	0 004	0	0	0	0	---	---	2
3	---	---	0 B	3 89 B	0 028	0 001	0	0	0	0	---	---	3
4	---	---	0 B	3 80 B	0 026	0	0	0	0	0	---	---	4
5	---	---	0 B	3 87 B	0 025	0	0	0	0	0	---	---	5
6	---	---	0 0358	2 73 B	0 022	0 001	0	0	0	0	---	---	6
7	---	---	0 0938	1 84	0 020	0	0	0	0	0	---	---	7
8	---	---	0 0588	1 33	0 016	0	0	0	0	0	---	---	8
9	---	---	0 0148	0 926	0 015	0	0	0	0	0	---	---	9
10	---	---	0 0918	0 631	0 011	0	0	0	0	0	---	---	10
11	---	---	0 0648	0 387	0 007	0	0	0	0	0	---	---	11
12	---	---	0 3398	0 271	0 003	0	0	0	0	0	---	---	12
13	---	---	0 4678	0 178	0 001	0	0	0	0	0	---	---	13
14	---	---	0 1528	0 121	0	0	0	0	0	0	---	---	14
15	---	---	0 1028	0 103	0	0	0	0	0	0	---	---	15
16	---	---	0 0488	0 102	0	0	0	0	0	0	---	---	16
17	---	---	0 0108	0 093	0	0	0	0	0	0	---	---	17
18	---	---	0 0068	0 085	0	0	0	0	0	0	---	---	18
19	---	---	0 0058	0 069	0	0	0	0	0	0	---	---	19
20	---	---	0 0208	0 058	0	0	0	0	0	0	---	---	20
21	---	---	0 1608	0 048	0	0	0	0	0	0	---	---	21
22	---	---	0 5268	0 029	0	0	0	0	0	0	---	---	22
23	---	---	0 1538	0 025	0	0	0	0	0	0	---	---	23
24	---	---	0 3368	0 028	0	0	0	0	0	0	---	---	24
25	---	---	0 2728	0 038	0	0	0	0	0	0	---	---	25
26	---	---	0 3778	0 119	0	0	0	0	0	0	---	---	26
27	---	---	0 4308	0 092	0	0	0	0	0	0	---	---	27
28	---	---	0 2288	0 071	0 001	0	0	0	0	0	---	---	28
29	---	---	0 2738	0 044	0 002	0	0	0	0	0	---	---	29
30	---	---	0 2188	0 033	0 001	0	0	0	0	0	---	---	30
31	---		0 6488		0		0	0		0		---	31
TOTAL	---	---	5 107	24 391	0 228	0 011	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 165	0 813	0 007	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 649	3 87	0 028	0 005	0	0	0	0	---	---	MAX
MIN	---	---	0	0 028	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 121
MAXIMUM DAILY, 3 678 ON APR 5
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
4 869 AT 23 44 CST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 35 03 N
LONG 101 50 52 W
DRAINAGE AREA, 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	661	SEP	0
APR	2 110	OCT	0
MAY	19 8	NOV	---
JUN	0 95	DEC	---

TOTAL DISCHARGE, 2 570 dam³

ARCOLA INDEX RESERVOIR - STATION NO 05NC005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	29 747	30 702E	30 687	30 607	30 340	30 249	30 084	29 945	---	---	1
2	---	---	29 745	30 745E	30 682	30 602	30 333	30 240	30 058	29 938	---	---	2
3	---	---	29 742A	30 791E	30 659	30 497	30 325	30 232	30 051	29 933	---	---	3
4	---	29 782A	29 751A	30 808E	30 657	30 492	30 320	30 227	30 044	29 929	---	---	4
5	---	---	29 788	30 802	30 652	30 488	30 315	30 220	30 040	29 922	---	---	5
6	---	---	29 816	30 784	30 645	30 488	30 314	30 211	30 034	29 916	---	---	6
7	---	---	30 090	30 775	30 638	30 479	30 308	30 205	30 024	29 913	---	---	7
8	---	---	30 110A	30 771	30 632	30 469	30 302	30 197	30 017	29 906	---	---	8
9	---	---	30 108E	30 768	30 623	30 463	30 301	30 188	30 014	29 902	---	---	9
10	---	---	30 102E	30 768	30 618	30 457	30 308	30 180	30 015	29 897	---	---	10
11	---	---	30 100E	30 784	30 610	30 455	30 305	30 175	30 012	29 893	---	---	11
12	---	---	30 096A	30 780	30 604	30 447	30 300	30 165	30 008	29 890	---	---	12
13	---	---	30 093	30 767	30 598	30 438	30 295	30 159	30 004	29 888	---	---	13
14	---	---	30 093	30 754	30 588	30 428	30 292	30 155	29 996	29 880	---	---	14
15	---	---	30 094	30 751	30 580	30 417	30 285	30 153	29 993	29 875	---	---	15
16	---	---	30 095	30 747	30 572	30 408	30 275	30 147	29 991	29 873	---	---	16
17	---	---	30 095	30 744	30 584	30 410	30 269	30 142	30 000	29 871	---	---	17
18	---	---	30 095	30 739	30 558	30 401	30 277	30 141	29 995	29 868	---	---	18
19	---	---	30 093	30 735	30 595	30 392	30 279	30 138	29 990	29 864	---	---	19
20	---	---	30 110	30 730	30 592	30 385	30 273	30 132	29 986	29 861	---	---	20
21	---	---	30 137	30 733	30 544	30 383	30 287	30 124	29 981	29 857	---	---	21
22	---	---	30 224	30 718	30 537	30 377	30 283	30 117	29 976	29 854	---	---	22
23	---	29 747A	30 273	30 714	30 531	30 385	30 260	30 110	29 983	29 852	---	---	23
24	---	29 758	30 298	30 708	30 526	30 376	30 254	30 104	29 980	29 849	---	---	24
25	---	29 754	30 308	30 704	30 522	30 387	30 248	30 098	29 956	29 848	---	---	25
26	---	29 750	30 360	30 698	30 518	30 398	30 240	30 089	29 950	29 850	---	---	26
27	---	29 750	30 598A	30 692	30 517	30 349	30 233	30 095	29 950	29 847	---	---	27
28	---	29 748	30 639E	30 688	30 518	30 350	30 225	30 087	29 962	29 845A	---	---	28
29	---		30 638E	30 683	30 515	30 353	30 217	30 082	29 958	29 845E	---	---	29
30	---		30 633E	30 675	30 511	30 345	30 248	30 079	29 950	29 844E	---	---	30
31	---		30 663E		30 506		30 255	30 071		29 844E		---	31
MEAN	---	---	30 156	30 740	30 580	30 432	30 281	30 102	29 998	29 881	---	---	MEAN
MAX	---	---	30 653	30 808	30 687	30 607	30 340	30 249	30 084	29 945	---	---	MAX
MIN	---	---	29 742	30 675	30 506	30 345	30 217	30 071	29 950	29 844	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 30 808E ON APR 4
MINIMUM DAILY, 29 742A ON MAR 3
MAXIMUM INSTANTANEOUS,
30 813E AT 22 36 CST ON APR 4

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 06 N
LONG 103 34 06 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

ARM RIVER NEAR BETHUNE - STATION NO 05JH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0088	2.83 B	0.073	0.032	0	0	0	0	---	---	1
2	---	---	0.0288	3.24 B	0.122	0.010	0	0	0	0	---	---	2
3	---	---	0.1488	3.87 B	0.081	0.025	0	0	0	0	---	---	3
4	---	---	0.2088	4.58 B	0.080	0.038	0	0	0	0	---	---	4
5	---	---	1.01 B	4.78 B	0.068	0.037	0	0	0	0	---	---	5
6	---	---	1.98 B	4.83 B	0.088	0.012	0	0	0	0	---	---	6
7	---	---	2.30 B	3.84	0.070	0.005	0	0	0	0	---	---	7
8	---	---	2.34 B	3.03	0.050	0.010	0	0	0	0	---	---	8
9	---	---	1.40 B	2.08	0.084	0.012	0	0	0	0	---	---	9
10	---	---	1.05 B	1.72	0.039	0.007	0	0	0	0	---	---	10
11	---	---	0.8628	1.68	0.040	0.002	0	0	0	0	---	---	11
12	---	---	0.8388	1.28	0.020	0.005	0	0	0	0	---	---	12
13	---	---	0.7218	1.18	0.012	0.004	0	0	0	0	---	---	13
14	---	---	0.6388	1.04	0.023	0.008	0	0	0	0	---	---	14
15	---	---	0.5588	0.804	0.013	0.008	0	0	0	0	---	---	15
16	---	---	0.4308	0.779	0.028	0.003	0	0	0	0	---	---	16
17	---	---	0.3418	0.817	0.018	0	0	0	0	0	---	---	17
18	---	---	0.2548	0.592	0.023	0	0	0	0	0	---	---	18
19	---	---	0.2688	0.383	0.008	0.001	0	0	0	0	---	---	19
20	---	---	0.4388	0.287	0.002	0	0	0	0	0	---	---	20
21	---	---	0.8188	0.225	0.008	0	0	0	0	0	---	---	21
22	---	---	0.7448	0.148	0.009	0	0	0	0	0	---	---	22
23	---	---	0.9808	0.126	0.008	0	0	0	0	0	---	---	23
24	---	---	0.8618	0.133	0.005	0	0	0	0	0	---	---	24
25	---	---	0.7418	0.112	0.011	0	0	0	0	0	---	---	25
26	---	---	0.7788	0.081	0.008	0	0	0	0	0	---	---	26
27	---	---	1.17 B	0.083	0.020	0	0	0	0	0	---	---	27
28	---	---	1.14 B	0.048	0.044	0	0	0	0	0	---	---	28
29	---		1.48 B	0.090	0.074	0	0	0	0	0	---	---	29
30	---		2.18 B	0.088	0.089	0	0	0	0	0	---	---	30
31	---		2.27 B		0.085		0	0		0		---	31
TOTAL	---	---	28.873	44.850	1.223	0.218	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.931	1.49	0.039	0.007	0	0	0	0	---	---	MEAN
MAX	---	---	2.34	4.83	0.122	0.037	0	0	0	0	---	---	MAX
MIN	---	---	0.008	0.048	0.002	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.306
MAXIMUM DAILY, 4.830 ON APR 6
MINIMUM DAILY, 0 ON JUN 17
MAXIMUM INSTANTANEOUS,
5.258 AT 09:12 CST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 12 N
LONG 105 11 28 W
DRAINAGE AREA, 1 810 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2 490	SEP	0
APR	3 880	OCT	0
MAY	105	NOV	---
JUN	18 8	DEC	---

TOTAL DISCHARGE, 6 470 dam³

ASSINIBOINE RIVER AT KAMSACK - STATION NO 05MD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3948	0.4018	0.3938	5.408	9.82	2.78	0.845	0.670	0.127	0.328	0.531	0.6398	1
2	0.3998	0.3728	0.3848	5.778	9.13	3.08	0.770	0.643	0.119	0.271	0.587	0.6408	2
3	0.4078	0.4048	0.4328	7.678	8.38	3.06	0.748	0.587	0.104	0.277	0.635	0.6398	3
4	0.4028	0.4158	0.4368	14.1 B	7.77	2.82	0.746	0.543	0.104A	0.284	0.586	0.6708	4
5	0.4108	0.4148	0.4338	28.2 B	7.27	2.45	0.747	0.581	0.101	0.299	0.536	0.6868	5
6	0.3948	0.4188	0.4518	37.6 B	6.82	2.30	1.12	0.555	0.092	0.295	0.525	0.6708	6
7	0.3868	0.3988	0.4218	45.0 B	6.40	2.25	2.18	0.709	0.095	0.282	0.841	0.6748	7
8	0.3878	0.3868	0.4138	50.2	5.96	2.20	4.56	0.827	0.102	0.324	0.577	0.6868	8
9	0.3838	0.4028	0.4208	47.3	5.57	2.01	4.28	0.535	0.103	0.321	0.518	0.6838	9
10	0.3868	0.3998	0.4398	43.1	5.26	1.84	4.41	0.510	0.102	0.373	0.483	0.6748	10
11	0.3898	0.3818	0.4488	39.2	5.03	1.98	3.82	0.525	0.110	0.314	0.6028	0.6858	11
12	0.3738	0.3928	0.4708	36.6	4.84	2.05	3.97	0.503	0.122	0.324	0.6638	0.6828	12
13	0.3718	0.3818	0.4768	43.9	4.27	1.81	3.84	0.470	0.138	0.334	0.6928	0.6728	13
14	0.3898	0.3838	0.4888	47.8	3.84	1.81	3.35	0.453	0.127	0.309	0.6258	0.6808	14
15	0.3588	0.3958	0.4888	48.7	3.68	1.43	2.82	0.395	0.124	0.289	0.6638	0.6758	15
16	0.3628	0.3958	0.4508	43.7	3.40	1.28	2.48	0.384	0.128	0.316	0.6908	0.6638	16
17	0.3918	0.3948	0.4578	40.3	3.33	1.22	2.30	0.381	0.188	0.329	0.6508	0.6698	17
18	0.4048	0.4018	0.4788	37.0	3.36	1.08	2.03	0.383	0.172	0.314	0.6148	0.6758	18
19	0.4038	0.3898	0.5018	34.0	3.26	1.09	1.88	0.394	0.173	0.303	0.7988	0.6818	19
20	0.4008	0.3938	0.5808	30.5	3.16	1.19	1.69	0.374	0.184	0.303	0.7848	0.6928	20
21	0.4108	0.3988	1.32 B	27.0	3.12	1.11	1.58	0.338	0.231	0.317	0.8048	0.7168	21
22	0.4048	0.3948	4.78 B	24.3	3.00	1.02	1.81	0.343	0.231	0.395	0.7408	0.6838	22
23	0.3948	0.3848	5.10 B	21.8	2.81	1.01	1.38	0.337	0.222	0.370	0.7098	0.6708	23
24	0.3898	0.3778	4.78 B	19.8	2.87	0.913	1.19	0.288	0.238	0.335	0.6858	0.6748	24
25	0.3858	0.3888	4.41 B	17.7	2.81	0.881	1.04	0.284	0.252	0.342	0.6588	0.6778	25
26	0.4008	0.3738	3.83 B	16.1	2.81	0.812	0.980	0.272	0.262	0.367	0.6598	0.6718	26
27	0.4008	0.3768	4.18 B	14.7	2.40	0.784	0.938	0.244	0.274	0.418	0.6748	0.6738	27
28	0.4008	0.3878	3.87 B	13.6	2.48	0.782	0.788	0.243	0.277	0.409	0.6908	1.40 B	28
29	0.3978		3.68 B	12.3	2.82	0.748	0.788	0.238	0.248	0.401	0.7028	1.93 B	29
30	0.3878		4.13 B	11.1	2.50	0.732	0.735	0.180	0.280	0.457	0.8888	1.94 B	30
31	0.4048		5.26 B		2.50		0.725	0.140		0.498		1.90 B	31
TOTAL	12.193	11.008	54.150	884.14	139.84	48.333	80.075	13.111	5.015	10.487	21.038	25.354	TOTAL
MEAN	0.393	0.393	1.75	28.8	4.50	1.61	1.94	0.423	0.167	0.338	0.701	0.818	MEAN
MAX	0.410	0.418	5.26	50.2	9.82	3.08	4.56	0.709	0.277	0.498	0.925	1.94	MAX
MIN	0.359	0.368	0.393	5.40	2.40	0.732	0.725	0.140	0.092	0.271	0.483	0.638	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.48
MAXIMUM DAILY, 50.2 ON APR 6
MINIMUM DAILY, 0.092 ON SEP 6
MAXIMUM INSTANTANEOUS,
50.7 AT 08:17 CST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 53 N
LONG 101 54 56 W
DRAINAGE AREA, 12 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 080	JUL	3 190
FEB	951	AUG	1 130
MAR	4 880	SEP	433
APR	74 700	OCT	904
MAY	13 100	NOV	1 820
JUN	4 180	DEC	2 190

TOTAL DISCHARGE, 109 000 dam³

ASSINIBOINE RIVER AT STURGIS - STATION NO 05MC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2008	0.3548	2.53	0.676	0.097	0.153	0.057	0.015	0.205	---	1
2	---	---	0.2008	0.4528	2.45	0.858	0.103	0.140	0.052	0.014	0.205	---	2
3	---	---	0.2008	1.06 B	2.28	0.782	0.103	0.118	0.046	0.015	0.217A	---	3
4	---	---	0.1808	2.17 B	2.13	0.591	0.102	0.110	0.041	0.013	---	---	4
5	---	---	0.1508	3.68 B	1.98	0.593	0.098	0.106	0.034	0.031	---	---	5
6	---	---	0.1408	12.5 B	1.78	0.882	0.150	0.150	0.028	0.045	---	---	6
7	---	---	0.1258	31.7 B	1.68	1.27	0.327	0.157	0.023	0.060	---	---	7
8	---	---	0.1108	34.4	1.80	0.958	0.188	0.167	0.018	0.074	---	---	8
9	---	---	0.0808	30.0	1.51	0.822	0.287	0.155	0.014	0.089	---	---	9
10	---	---	0.0708	26.1	1.40	0.389	0.202	0.232	0.014	0.102	---	---	10
11	---	---	0.0658	21.8	1.30	0.551	0.172	0.403	0.015	0.113	---	---	11
12	---	---	0.0558	19.2	1.18	0.311	0.153	0.193	0.015	0.127	---	---	12
13	---	---	0.0508	18.2	1.08	0.204	0.158	0.146	0.015	0.139	---	---	13
14	---	---	0.0458	14.5	0.959	0.292	0.178	0.132	0.015	0.146	---	---	14
15	---	---	0.0448	13.6	0.871	0.178	0.158	0.145	0.014	0.145	---	---	15
16	---	---	0.0428	10.5	0.814	0.185	0.182	0.308	0.013	0.138	---	---	16
17	---	---	0.0408	9.58	0.785	0.178	0.163	0.175	0.013	0.142	---	---	17
18	---	---	0.0408	8.54	0.722	0.185	0.184	0.162	0.014	0.148	---	---	18
19	---	---	0.0458	7.71	0.706	0.180	0.229	0.151	0.014	0.139	---	---	19
20	---	---	0.0859	8.88	0.783	0.168	0.220	0.137	0.014	0.138	---	---	20
21	---	---	0.1208	8.00	0.835	0.169	0.184	0.120	0.014	0.138	---	---	21
22	---	---	0.2008	5.38	0.510	0.184	0.185	0.114	0.014	0.137	---	---	22
23	---	---	0.2318	4.76	0.407	0.148	0.182	0.107	0.013	0.138	---	---	23
24	---	---	0.4938	4.24	0.423	0.134	0.185	0.089	0.013	0.134	---	---	24
25	---	---	0.5248	4.13	0.437	0.129	0.185	0.092	0.013	0.141	---	---	25
26	---	---	0.7218	3.79	0.388	0.117	0.183	0.086	0.013	0.174	---	---	26
27	---	---	1.15 B	3.35	0.350	0.108	0.185	0.080	0.014	0.173	---	---	27
28	---	---	0.9898	3.18	0.513	0.103	0.159	0.074	0.014	0.237	---	---	28
29	---	---	0.7838	2.89	0.807	0.097	0.148	0.070	0.015	0.224	---	---	29
30	---	---	0.6718	2.68	0.570	0.092	0.166	0.087	0.015	0.183	---	---	30
31	---	---	0.5818		0.508		0.187	0.082		0.188		---	31
TOTAL	---	---	8.410	310.626	33.888	11.388	5.282	4.428	0.808	3.702	---	---	TOTAL
MEAN	---	---	0.271	10.4	1.09	0.380	0.170	0.143	0.020	0.119	---	---	MEAN
MAX	---	---	1.15	34.4	2.58	1.27	0.327	0.403	0.057	0.237	---	---	MAX
MIN	---	---	0.040	0.354	0.350	0.092	0.097	0.082	0.013	0.014	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.54
MAXIMUM DAILY, 34.4 ON APR 8
MINIMUM DAILY, 0.013 ON SEP 18
MAXIMUM INSTANTANEOUS,
38.8 AT 03 51 CST ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 23 N
LONG 102 32 49 W
DRAINAGE AREA, 1 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	456
FEB	---	AUG	383
MAR	727	SEP	52.5
APR	28 800	OCT	320
MAY	2 930	NOV	---
JUN	984	DEC	---

TOTAL DISCHARGE, 32 700 dam³

AVONLEA CREEK NEAR ROULEAU - STATION NO 05JE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.0138	0.008	0.010	0.051	0.111	0	0	---	---	1
2	---	0 B	0 B	0.0078	0.015	0	0.014	0.057	0	0	---	---	2
3	---	0 B	0.0688	0.0068	0.016	0	0.001	0.089	0	0	---	---	3
4	---	0 B	0.1108	0.0038	0.017	0	0	0.038	0	0	---	---	4
5	---	0 B	0.0838	0.0028	0.012	0	0	0.011	0	0	---	---	5
6	---	0 B	0.0928	0.0138	0.008	0	0	0.017	0	0	---	---	6
7	---	0 B	0.0558	0.018	0.004	0	0.108	0.008	0	0	---	---	7
8	---	0 B	0.0808	0.008	0	0	0.141	0.006	0	0	---	---	8
9	---	0.0028	0.0288	0	0	0	0.133	0.007	0	0	---	---	9
10	---	0.0088	0.0128	0 B	0	0	0.140	0.001	0	0	---	---	10
11	---	0.0218	0.0188	0	0	0	0.147	0.010	0	0	---	---	11
12	---	0.0328	0.0128	0	0	0	0.137	0.001	0	0	---	---	12
13	---	0.0268	0.0128	0	0	0	0.144	0	0	0	---	---	13
14	---	0.0138	0.0078	0	0	0	0.148	0	0	0	---	---	14
15	---	0.0018	0.0048	0	0	0	0.158	0	0	0	---	---	15
16	---	0.0068	0.0038	0	0	0	0.180	0	0	0	---	---	16
17	---	0.0188	0.0078	0.001	0.032	0	0.221	0	0	0	---	---	17
18	---	0.0178	0.0178	0.010	0.160	0	0.270	0	0	0	---	---	18
19	---	0.0238	0.0188	0.025	0.182	0.080	0.259	0	0	0	---	---	19
20	---	0.0248	0.0108	0.038	0.187	0.084	0.148	0	0	0	---	---	20
21	---	0.0118	0.0068	0.048	0.083	0.084	0.129	0	0	0	---	---	21
22	---	0.0048	0.0148	0.034	0.052	0.098	0.140	0	0	0	---	---	22
23	---	0.0068	0.0428	0.020	0.084	0.325	0.139	0	0	0	---	---	23
24	---	0.0148	0.0498	0.015	0.078	0.248	0.138	0	0	0	---	---	24
25	---	0.0148	0.0388	0.022	0.052	0.284	0.090	0	0	0	---	---	25
26	---	0.0048	0.0488	0.028	0.052	0.278	0.086	0	0	0	---	---	26
27	---	0 B	0.0338	0.020	0.080	0.137	0.036	0	0	0	---	---	27
28	---	0 B	0.0888	0.018	0.188	0.331	0.010	0	0	0	---	---	28
29	---		0.0358	0.014	0.108	0.335	0.004	0	0	0	---	---	29
30	---		0.0278	0.007	0.028	0.149	3.49	0	0	0	---	---	30
31	---		0.0398		0.012		0.245	0		0		---	31
TOTAL	---	0.242	1.001	0.370	1.372	3.380	5.905	0.334	0	0	---	---	TOTAL
MEAN	---	0.009	0.032	0.012	0.044	0.078	0.223	0.011	0	0	---	---	MEAN
MAX	---	0.032	0.110	0.048	0.188	0.335	3.49	0.111	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.048
MAXIMUM DAILY, 3.49 ON JUL 30
MINIMUM DAILY, 0.0 ON FEB 1
MAXIMUM INSTANTANEOUS,
7.85 AT 05 26 CST ON JUL 30

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 50 N
LONG 104 59 27 W
DRAINAGE AREA, 983 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	597
FEB	30.9	AUG	28.9
MAR	88.5	SEP	0
APR	32.0	OCT	0
MAY	119	NOV	---
JUN	204	DEC	---

TOTAL DISCHARGE, 1 080 dam³

AVONLEA INDEX RESERVOIR - STATION NO 05JE010

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	27.432	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	28.532	---	7
8	---	---	---	---	27.580	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	27.015	---	---	---	---	10
11	---	27.382	---	---	---	---	---	---	28.861	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	27.385E	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		27.790	27.810E	---	27.050E	---	---	28.730E	---	---	---	30
31	---		27.790E		27.430E		27.050E	28.900E		28.580E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 55 50 N
LONG 105 05 30 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

AVONLEA RESERVOIR NEAR AVONLEA - STATION NO 05JE007

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	586.506	586.780	587.032	586.822	586.490	586.538	586.578	586.482	586.380	---	1
2	---	---	586.504	586.851	587.028	586.803	586.493	586.843	586.577	586.483	586.251	---	2
3	---	---	586.512	586.945	587.022	586.812	586.485	586.853	586.585	586.485	586.348	---	3
4	---	---	586.522	587.011	587.025	586.818	586.485	586.863	586.544	586.437	586.339	---	4
5	---	---	586.538	587.054	587.012	586.815	586.472	586.858A	586.550	586.437	586.344	---	5
6	---	---	586.543	587.062	587.017	586.814	586.470	586.860E	586.539	586.432	586.352A	---	6
7	---	---	586.540	587.100	587.017	586.802	586.482	586.860E	586.531	586.437	---	---	7
8	---	---	586.534	587.108	587.015	586.797	586.463	586.888E	586.531	586.411	---	---	8
9	---	---	586.531	587.087	587.012	586.788	586.429	586.857E	586.525	586.412	---	---	9
10	---	---	586.537	587.085	587.002	586.777	586.408	586.851A	586.519	586.413	---	---	10
11	---	586.481A	586.537	587.088	586.988	586.778	586.383	586.848	586.517	586.418	---	---	11
12	---	586.482	586.536	587.087	586.992	586.776	586.382	586.844	586.518	586.422	---	---	12
13	---	586.483	586.534	587.102	586.971	586.767	586.370	586.838	586.518	586.408	---	---	13
14	---	586.483	586.538	587.108	586.978	586.763	586.355	586.834	586.510	586.409	---	---	14
15	---	586.484	586.542	587.100	586.974	586.768	586.340	586.828	586.504	586.402	---	---	15
16	---	586.485	586.539	587.088	586.987	586.743	586.318	586.827	586.493	586.397	---	---	16
17	---	586.500	586.536	587.084	586.930	586.716	586.297	586.821	586.484	586.387	---	---	17
18	---	586.498	586.538	587.084	586.911	586.711	586.295	586.812	586.488	586.383	---	---	18
19	---	586.501	586.546	587.072	586.884	586.692	586.311	586.811	586.500	586.375	---	---	19
20	---	586.498	586.548	587.071	586.868	586.671	586.305	586.820	586.500	586.378	---	---	20
21	---	586.487	586.549	587.077	586.885	586.657	586.301	586.803	586.488	586.371	---	---	21
22	---	586.488	586.551	587.087	586.853	586.631	586.297	586.801	586.499	586.387	---	---	22
23	---	586.500	586.557	587.087	586.842	586.617	586.298	586.802	586.487	586.385	---	---	23
24	---	586.489	586.585	587.084	586.844	586.588	586.308	586.798	586.487	586.389	---	---	24
25	---	586.484	586.580	587.084	586.838	586.586	586.305	586.798	586.483	586.388	---	---	25
26	---	586.502	586.594	587.053	586.823	586.559	586.302	586.798	586.478	586.364	---	---	26
27	---	586.503	586.605	587.088	586.824	586.536	586.297	586.798	586.487	586.359	---	---	27
28	---	586.509	586.625	587.083	586.827	586.509	586.293	586.791	586.473	586.362	---	---	28
29	---		586.687	587.054	586.838	586.506	586.296	586.778	586.471	586.383	---	---	29
30	---		586.697	587.045	586.844	586.501	586.426	586.575	586.473	586.382	---	---	30
31	---		586.734		586.837		586.472	586.578		586.381		---	31
MEAN	---	---	586.580	587.054	586.932	586.703	586.374	586.821	586.511	586.398	---	---	MEAN
MAX	---	---	586.724	587.108	587.032	586.822	586.498	586.863	586.577	586.485	---	---	MAX
MIN	---	---	586.504	586.780	586.823	586.501	586.293	586.538	586.467	586.384	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 587.108 ON APR 8

MAXIMUM INSTANTANEOUS,
587.120 AT 16 08 CST ON APR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 10 N
LONG 105 00 23 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BALLANTYNE RIVER ABOVE BALLANTYNE BAY · STATION NO 09XF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 230	2 260	2 050	2 420	24 9	10 3	5 21	5 42	3 98	2 98	5 05E	1 858	1
2	2 230	2 210	1 980	2 570	23 8	10 4	5 00	4 82	3 76	2 68	4 90E	1 648	2
3	2 160	2 160	1 940	2 770	23 0	11 5	5 12	4 52	3 83	2 85	4 70E	1 828	3
4	2 190	2 190	1 910	3 730	22 9	11 9	5 61	4 44	4 17	2 83	4 55E	1 808	4
5	2 250	2 120	1 840	2 870	23 2	11 3	5 59	4 15	5 10	2 91	4 45E	1 788	5
6	2 250	2 060	1 770	2 800	21 0	10 8	10 4	3 81	5 57	2 87	4 30E	1 768	6
7	2 230	2 130	1 750	3 840	19 9	9 97	10 1	3 48	5 48	2 87	4 15E	1 748	7
8	2 270	2 160	1 800	4 870	18 7	9 53	9 32	3 44	5 39	3 29	4 05E	1 728	8
9	2 230	2 200	2 120	5 920	17 3	8 83	8 68	3 35	5 47	3 24	3 98E	1 708	9
10	2 250	2 240	2 400	10 9 E	16 2	8 48	9 95	3 82	5 71	3 77	3 86E	1 688	10
11	2 290	2 290	2 260	7 690	15 4	8 83	12 0	5 17	5 88	4 08	3 72E	1 668	11
12	2 260	2 420	2 170	7 560	14 7	9 30	12 3	5 32	5 82	4 30	3 80E	1 648	12
13	2 280	2 590	2 080	7 710	14 2	8 74	11 6	11 8	5 84	4 50	3 45E	1 628	13
14	2 290	2 510	1 940	9 800	13 4	7 88	11 7	11 5	5 33	5 45	3 30E	1 618	14
15	2 260	2 340	1 940	13 4 E	12 8	7 15	11 6	10 4	5 03	5 78E	3 12E	1 608	15
16	2 120	2 240	1 950	16 8 E	12 0	6 58	11 2	9 30	4 78	5 40E	2 86E	1 588	16
17	2 010	2 200	1 870	16 8 E	11 2	6 84	11 0	8 88	4 66	5 18E	2 60E	1 578	17
18	1 970	2 210	2 010	25 0 E	10 6	6 21	11 4	8 07	4 32	5 04E	2 60E	1 558	18
19	1 910	2 190	2 120	29 9 E	10 1	5 89	11 8	7 72	4 11	4 88E	2 44E	1 548	19
20	1 920	2 140	2 370	31 4	9 80	5 16	11 7	7 48	3 97	4 78E	2 32E	1 538	20
21	1 980	2 230	2 980	32 2	9 55	5 43	11 4	7 26	3 83	4 71E	2 24E	1 528	21
22	2 070	2 190	3 180	34 6	9 17	5 37	10 5	7 01	3 68	4 66E	2 17E	1 518	22
23	2 070	2 180	3 260	34 6	8 77	6 98	9 35	6 89	3 50	4 60E	2 12E	1 508	23
24	2 060	2 210	3 240	33 4	8 34	7 36	8 40	6 32	3 38	4 58A	2 08E	1 498	24
25	2 030	2 250	3 100	32 3	8 05	7 19	8 27	6 00	3 34	4 34	2 03E	1 478	25
26	1 950	2 280	3 010	31 6	7 92	6 92	8 48	5 61	3 26	5 75	1 99E	1 468	26
27	1 930	2 280	2 720	30 4	7 72	6 25	7 80	5 32	3 20	5 36	1 98E	1 458	27
28	1 890	2 170	2 100	29 0	8 04	5 70	7 00	5 04	3 12	4 87	1 93E	1 448	28
29	2 120		2 340	27 6	9 39	5 16	6 24	4 66	3 03	4 98	1 90E	1 428	29
30	2 160		2 350	28 3	10 4	4 79	5 72	4 35	2 97	5 38	1 88E	1 418	30
31	2 240		2 410		10 3		5 54	4 19		5 25E		1 408	31
TOTAL	66 19	63 63	71 05	525 45	431 75	237 58	298 58	192 95	131 24	136 14	84 80	49 67	TOTAL
MEAN	2 14	2 24	2 29	17 5	13 9	7 92	9 57	6 22	4 37	4 33	3 15	1 60	MEAN
MAX	2 29	2 59	3 26	34 6	24 9	11 9	12 3	11 8	5 84	5 78	5 05	1 86	MAX
MIN	1 91	2 06	1 75	2 42	7 72	4 79	5 54	3 38	2 97	2 83	1 88	1 40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 24
MAXIMUM DAILY, 34 6 ON APR 22
MINIMUM DAILY, 1 408 ON DEC 31
MAXIMUM INSTANTANEOUS,
35 4 AT 00 31 CST ON APR 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 33 40 N
LONG 103 56 30 W
DRAINAGE AREA, 1 670 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 720	JUL	25 600
FEB	5 410	AUG	16 700
MAR	8 140	SEP	11 300
APR	45 400	OCT	11 600
MAY	37 300	NOV	8 170
JUN	20 500	DEC	4 290

TOTAL DISCHARGE, 198 000 dam³

BATTLE CREEK AT ALBERTA BOUNDARY · STATION NO 11AB117

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 3198	0 4818	0 588	0 255	0 228	0 427	0 214	0 269	---	---	1
2	---	---	0 3228	0 4488	0 570	0 242	0 180	0 498	0 215	0 264	---	---	2
3	---	---	0 4318	1 12 E	0 548	0 229	0 160	0 541	0 187	0 258	---	---	3
4	---	---	0 5528	2 74	0 510	0 216	0 145	0 580	0 220	0 239	---	---	4
5	---	---	0 5828	2 34	0 482	0 201	0 153	0 568	0 210	0 239	---	---	5
6	---	---	3 76 E	1 85	0 473	0 187	0 171	0 597	0 228	0 245	---	---	6
7	---	---	3 47 E	1 55	0 456	0 178	0 205	0 633	0 238	0 240	---	---	7
8	---	---	0 8748	1 36	0 434	0 183	0 210	0 651	0 217	0 229	---	---	8
9	---	---	0 7858	1 18	0 433	0 186	0 185	0 666	0 178	0 233	---	---	9
10	---	0 3078	0 7528	1 06	0 420	0 233	0 218	0 646	0 169	0 244	---	---	10
11	---	0 3018	0 5708	1 04	0 407	0 183	0 248	0 637	0 166	0 247	---	---	11
12	---	0 2938	0 4688	0 960	0 388	0 147	0 213	0 646	0 140	0 240	---	---	12
13	---	0 2748	0 2748	0 906	0 355	0 118	0 192	0 652	0 154	0 228	---	---	13
14	---	0 2958	0 2488	0 820	0 317	0 117	0 178	0 780	0 143	0 235	---	---	14
15	---	0 2768	0 3248	0 991	0 304	0 078	0 184	0 866	0 140	0 242	---	---	15
16	---	0 2408	0 6178	1 05	0 303	0 106	0 188	0 733	0 145	0 246	---	---	16
17	---	0 2498	0 4128	1 11	0 302	0 109	0 158	0 754	0 149	0 253	---	---	17
18	---	0 2408	0 3098	1 02	0 308	0 100	0 158	0 697	0 132	0 251	---	---	18
19	---	0 2318	0 3018	0 843	0 318	0 102	0 234	0 631	0 126	0 233	---	---	19
20	---	0 2628	0 3608	0 850	0 290	0 177	0 188	0 591	0 142	0 230	---	---	20
21	---	0 2858	0 3678	0 801	0 282	0 237	0 138	0 567	0 137	0 226	---	---	21
22	---	0 3098	0 1888	0 782	0 283	0 192	0 213	0 562	0 154	0 224	---	---	22
23	---	0 3008	0 3548	0 760	0 278	0 111	0 251	0 556	0 304	0 222	---	---	23
24	---	0 2628	0 4308	0 745	0 262	0 118	0 212	0 907	0 225	0 196	---	---	24
25	---	0 2878	0 3938	0 712	0 314	0 148	0 184	0 767	0 236	0 195	---	---	25
26	---	0 2718	0 3478	0 687	0 427	0 186	0 185	0 518	0 251	0 210	---	---	26
27	---	0 2928	0 2788	0 653	0 485	0 136	0 208	0 402	0 391	0 193	---	---	27
28	---	0 2888	0 3178	0 639	0 446	0 174	0 253	0 334	0 318	0 184	---	---	28
29	---		0 4268	0 621	0 338	0 228	0 287	0 302	0 258	0 198E	---	---	29
30	---		0 4888	0 606	0 285	0 211A	0 370	0 273	0 270	0 211	---	---	30
31	---		0 4878		0 270		0 398	0 243		0 222E		---	31
TOTAL	---	---	19 902	30 885	11 873	5 022	5 488	18 228	5 974	7 148	---	---	TOTAL
MEAN	---	---	0 642	1 03	0 383	0 167	0 209	0 588	0 199	0 231	---	---	MEAN
MAX	---	---	3 76	2 74	0 588	0 255	0 398	0 907	0 391	0 269	---	---	MAX
MIN	---	---	0 188	0 448	0 262	0 078	0 138	0 243	0 125	0 184	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 431
MAXIMUM DAILY, 3 788 ON MAR 6
MINIMUM DAILY, 0 078 ON JUN 15
MAXIMUM INSTANTANEOUS,
3 428 AT 21 25 CST ON MAR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 110 00 15 W
DRAINAGE AREA, 711 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	559
FEB	---	AUG	1 570
MAR	1 720	SEP	516
APR	2 870	OCT	617
MAY	1 030	NOV	---
JUN	434	DEC	---

TOTAL DISCHARGE 9 120 dam³

BATTLE CREEK AT INTERNATIONAL BOUNDARY - STATION NO 11AB027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.41 B	3.36 B	1.54	1.35	0.093	1.05	0.397	0.188	---	---	1
2	---	---	1.36 B	2.65 B	1.43	0.853	0.088	0.578	0.238	0.188	---	---	2
3	---	---	1.20 B	3.61	1.34	0.889	0.078	0.820	0.154	0.183	---	---	3
4	---	---	0.9169	3.38	1.27	1.02	0.082	0.672	0.124	0.284	---	---	4
5	---	---	0.9539	2.43	1.55	0.850	0.053	0.872	0.100	0.376	---	---	5
6	---	---	2.52 B	2.66	1.59	0.943	0.043	0.820	0.068	0.331	---	---	6
7	---	---	6.00 B	3.15	1.53	0.820	0.033	0.849	0.085	0.317	---	---	7
8	---	---	4.47 B	3.34	1.35	0.849	0.028	0.683	0.048	0.280	---	---	8
9	---	---	3.44 B	3.13	0.880	0.892	0.021	0.348	0.038	0.278	---	---	9
10	---	---	3.55 B	2.20	0.854	0.579	0.016	0.270	0.047	0.288	---	---	10
11	---	---	3.04 B	2.06	0.783	0.520	0.015	0.191	0.084	0.383	---	---	11
12	---	---	2.78 B	1.77	0.911	0.438	0.013	0.158	0.084	0.288	---	---	12
13	---	---	3.30 B	1.66	1.71	0.387	0.010	0.122	0.055	0.282	---	---	13
14	---	---	2.30 B	1.87	1.55	0.414	0.007	0.092	0.048	0.287	---	---	14
15	---	---	1.16 B	1.89	1.12	0.489	0.004	0.078	0.038	0.313	---	---	15
16	---	---	0.8348	1.40	1.01	0.888	0.002	0.078	0.032	0.327	---	---	16
17	---	---	0.7718	1.22	0.988	0.827	0.001	0.077	0.050	0.338	---	---	17
18	---	---	1.77 B	1.12	0.788	0.520	0.000	0.058	0.047	0.327	---	---	18
19	---	---	1.85 B	1.05	0.779	0.455	0.135	0.039	0.048	0.348	---	---	19
20	---	---	1.31 B	1.05	0.829	0.533	0.108	0.027	0.045	0.387	---	---	20
21	---	---	0.9168	0.981	0.907	0.403	0.082	0.022	0.042	0.392	---	---	21
22	---	---	1.16 B	0.981	1.16	0.338	0.074	0.248	0.035	0.403	---	---	22
23	---	---	1.37 B	0.981	0.907	0.351	0.071	0.408	0.082	0.387	---	---	23
24	---	1.808	1.08 B	0.981	0.970	0.313	0.058	0.501	0.178	0.448	---	---	24
25	---	1.358	2.11 B	0.943	0.889	0.287	0.047	0.559	0.181	0.438	---	---	25
26	---	1.308	2.17 B	1.16	0.778	0.328	0.038	0.501	0.188	0.436	---	---	26
27	---	1.308	1.97 B	2.07	0.538	0.191	0.173	0.483	0.187	0.403	---	---	27
28	---	1.438	2.76 B	2.02	1.22	0.183	0.259	0.438	0.200	0.414A	---	---	28
29	---		2.41 B	1.97	2.05	0.133	0.274	0.430	0.188	0.400E	---	---	29
30	---		2.76 B	1.78	2.58	0.110	0.868	0.371	0.181	0.387	---	---	30
31	---		3.89 B		2.31		2.71	0.514		0.410E		---	31
TOTAL	---	---	88.919	58.887	38.302	18.255	5.898	11.986	3.200	10.384	---	---	TOTAL
MEAN	---	---	2.22	1.97	1.24	0.562	0.188	0.388	0.107	0.334	---	---	MEAN
MAX	---	---	6.00	3.61	2.58	1.35	2.71	1.05	0.397	0.448	---	---	MAX
MIN	---	---	0.834	0.943	0.538	0.110	0.001	0.022	0.032	0.183	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.672
MAXIMUM DAILY 6.00 ON MAR 7
MINIMUM DAILY 0.001 ON JUL 17
MAXIMUM INSTANTANEOUS
10.28 AT 02 00 CST ON MAR 7

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 07 N
LONG 109 28 18 W
DRAINAGE AREA 2 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	482
FEB	---	AUG	1 030
MAR	5 950	SEP	276
APR	5 100	OCT	895
MAY	3 310	NOV	---
JUN	1 600	DEC	---

TOTAL DISCHARGE 18 500 dam³

BATTLE CREEK BELOW NASHLYN PROJECT - STATION NO 11AB101

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.71 B	1.38	0.858	0.139	0.814	0.238	0.302	---	---	1
2	---	---	---	3.71 B	1.30	0.899	0.133	0.835	0.187	0.371	---	---	2
3	---	---	---	2.84 B	1.24	0.948	0.102	0.844	0.137	0.842	---	---	3
4	---	---	---	2.22 B	1.40	0.818	0.088	0.851	0.119	0.488	---	---	4
5	---	---	---	2.22	1.41	0.881	0.078	0.873	0.111	0.409	---	---	5
6	---	---	---	2.48	1.37	0.810	0.068	0.700	0.122	0.408	---	---	6
7	---	---	---	2.58	1.27	0.877	0.053	0.534	0.142	0.393	---	---	7
8	---	---	---	2.68	1.01	0.837	0.043	0.431	0.158	0.389	---	---	8
9	---	---	---	1.90	0.904	0.801	0.033	0.364	0.151	0.388	---	---	9
10	---	---	---	1.83	0.823	0.581	0.033	0.304	0.116	0.389	---	---	10
11	---	---	---	1.80	0.882	0.483	0.037	0.278	0.111	0.391	---	---	11
12	---	---	---	1.88	1.49	0.488	0.041	0.282	0.115	0.388	---	---	12
13	---	---	---	1.89	1.40	0.472	0.148	0.248	0.112	0.402	---	---	13
14	---	---	---	1.82	1.08	0.878	0.190	0.255	0.112	0.401	---	---	14
15	---	---	---	1.61	0.977	0.768	0.178	0.241	0.122	0.438	---	---	15
16	---	---	---	1.27	0.984	0.701	0.148	0.215	0.112	0.426	---	---	16
17	---	---	---	1.16	0.807	0.654	0.128	0.232	0.113	0.441	---	---	17
18	---	---	---	1.15	0.798	0.481	0.127	0.185	0.103	0.490	---	---	18
19	---	---	---	1.13	0.858	0.418	0.108	0.171	0.110	0.514	---	---	19
20	---	---	---	1.08	0.948	0.393	0.088	0.471	0.185	0.525	---	---	20
21	---	---	---	1.03	1.12	0.436	0.088	0.588	0.294	0.511	---	---	21
22	---	---	---	1.01	0.883	0.415	0.114	0.480	0.284	0.532	---	---	22
23	---	---	---	0.951	0.873	0.358	0.217	0.482	0.283	0.598	---	---	23
24	---	---	---	1.01	0.918	0.308	0.207	0.478	0.308	0.585	---	---	24
25	---	---	---	1.17	0.881	0.288	0.331	0.522	0.324	0.531	---	---	25
26	---	---	---	1.77	0.914	0.229	0.382	0.478	0.311	0.506	---	---	26
27	---	---	---	1.70	1.19	0.187	0.385	0.481	0.308	0.531A	---	---	27
28	---	---	---	1.69	1.61	0.188	0.415	0.446	0.305	0.530E	---	---	28
29	---		---	1.54	2.01	0.184	1.24	0.418	0.308	0.529E	---	---	29
30	---		---	1.43	1.91	0.151	2.88	0.577	0.300	0.528E	---	---	30
31	---		---		1.15		0.928	0.334		0.527E		---	31
TOTAL	---	---	---	53.251	35.258	18.033	8.333	14.308	5.885	14.305	---	---	TOTAL
MEAN	---	---	---	1.78	1.16	0.534	0.298	0.481	0.189	0.481	---	---	MEAN
MAX	---	---	---	3.71	2.01	0.999	2.88	0.881	0.324	0.599	---	---	MAX
MIN	---	---	---	0.951	0.914	0.151	0.033	0.171	0.103	0.302	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.892

MINIMUM DAILY 0.033 ON JUL 9

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 52 N
LONG 109 27 52 W
DRAINAGE AREA 2 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	797
FEB	---	AUG	1 240
MAR	---	SEP	459
APR	4 600	OCT	1 240
MAY	3 050	NOV	---
JUN	1 380	DEC	---

TOTAL DISCHARGE 12 600 dam³

BATTLE CREEK BELOW WILSON'S WEIR - STATION NO 11AB118

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0148	0.0128	0.288	0.915	0.012	0.823	0.185	0.584	---	---	1
2	---	---	0.0128	0.0128	0.549	0.834	0.009	0.473	0.148	0.483	---	---	2
3	---	---	0.0108	0.0188	0.551	0.707	0.008	0.405	0.118	0.443	---	---	3
4	---	---	0.0288	0.0128	0.529	0.643	0.048	0.184	0.107	0.408	---	---	4
5	---	---	0.0948	0.1768	0.481	0.477	0.199	0.008	0.130	0.359	---	---	5
6	---	---	0.0178	0.7118	0.450	0.436	0.018	0.003	0.108	0.390	---	---	6
7	---	---	0.0158	0.008	0.396	0.427	0.014	0.002	0.117	0.401	---	---	7
8	---	---	0.0158	0.007	0.390	0.403	0.014	0.001	0.142	0.410	---	---	8
9	---	---	0.0158	0.007	0.382	0.397	0.013	0.001	0.141	0.376	---	---	9
10	---	---	0.0118	0.006	0.448	0.581	0.013	0.001	0.132	0.387	---	---	10
11	---	0.8008	0.0118	0.007	0.509	0.613	0.012	0.001	0.182	0.399	---	---	11
12	---	1.10 B	0.0108	0.006	0.534	0.646	0.040	0.002	0.125	0.400	---	---	12
13	---	0.8838	0.0118	0.006	0.558	0.506	0.107	0.007	0.104	0.402	---	---	13
14	---	0.5388	0.0138	0.008	0.457	0.488	0.213	0.213	0.184	0.483	---	---	14
15	---	0.3108	0.0118	0.008	0.336	0.450	0.301	0.288	0.315	0.524	---	---	15
16	---	0.2668	0.0118	0.009	0.283	0.407	0.205	0.370	0.285	0.521	---	---	16
17	---	0.1348	0.0118	0.009	0.312	0.423	0.159	0.783	0.242	0.528	---	---	17
18	---	0.1128	0.0118	0.009	0.487	0.361	0.188	0.893	0.283	0.523	---	---	18
19	---	0.0898	0.0118	0.009	0.459	0.015	0.385	0.632	0.282	0.584	---	---	19
20	---	0.0728	0.0118	0.009	0.785	0.108	0.428	0.896	0.309	0.588	---	---	20
21	---	0.0528	0.0118	0.010	1.08	0.217	0.556	0.488	0.340	0.583	---	---	21
22	---	0.0418	0.0118	0.010	1.02	0.159	0.898	0.393	0.333	0.486	---	---	22
23	---	0.0328	0.0108	0.213	1.00	0.050	0.881	0.245	0.327	0.505	---	---	23
24	---	0.0398	0.0098	0.896	0.992	0.030	0.594	0.487	0.308	0.458	---	---	24
25	---	0.0398	0.0108	0.868	0.980	0.009	0.885	0.402	0.299	0.444	---	---	25
26	---	0.0378	0.0128	0.241	1.28	0.007	0.731	0.707	0.312	0.488A	---	---	26
27	---	0.0358	0.0118	0.172	1.35	0.012	0.820	0.555	0.323	0.460E	---	---	27
28	---	0.0208	0.0088	0.150	1.49	0.193	0.842	0.074	0.331	0.485E	---	---	28
29	---		0.0098	0.148	1.48	0.182	0.522	0.052	0.814	0.450E	---	---	29
30	---		0.0118	0.084	1.11	0.088	0.584	0.029	0.706	0.445E	---	---	30
31	---		0.0118		0.974		0.771	0.170		0.440E			31
TOTAL	---	---	0.498	3.838	21.901	10.830	9.317	8.988	7.576	14.285	---	---	TOTAL
MEAN	---	---	0.015	0.121	0.706	0.384	0.301	0.290	0.253	0.481	---	---	MEAN
MAX	---	---	0.094	0.898	1.49	0.815	0.771	0.783	0.704	0.588	---	---	MAX
MIN	---	---	0.009	0.008	0.283	0.007	0.008	0.001	0.104	0.359	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.313
MAXIMUM DAILY 1.49 ON MAY 25
MINIMUM DAILY 0.001 ON AUG 8
MAXIMUM INSTANTANEOUS
2.038 AT 04 48 CST ON FEB 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 01 N
LONG 109 36 39 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	805
FEB	---	AUG	777
MAR	39 8	SEP	655
APR	314	OCT	1 230
MAY	1 890	NOV	---
JUN	918	DEC	---

TOTAL DISCHARGE 8 830 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEBRUARY AND IS NOT INCLUDED IN THE SUMMARY

BATTLE CREEK NEAR CONSUL - STATION NO 11AB088

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.50 B	1.15 A	1.03	0.071	0.882	0.137	0.439	---	---	1
2	---	---	---	2.50 B	1.10 A	0.807	0.083	0.991	0.123	0.462	---	---	2
3	---	---	---	1.10 B	1.34 A	0.838	0.080	0.838	0.118	0.415	---	---	3
4	---	---	---	1.12 B	1.30 A	1.04	0.080	0.830	0.127	0.380	---	---	4
5	---	---	---	1.61 B	1.38 A	0.773	0.071	0.883	0.141	0.384	---	---	5
6	---	---	---	1.88 B	1.28 A	0.848	0.070	0.427	0.142	0.341	---	---	6
7	---	---	---	2.78 B	0.809	0.843	0.085	0.318	0.128	0.334	---	---	7
8	---	---	---	1.72 B	0.740	0.821	0.080	0.266	0.120	0.346	---	---	8
9	---	---	---	1.83 B	0.859	0.538	0.163	0.214	0.132	0.340	---	---	9
10	---	---	---	1.38	0.882	0.841	0.211	0.198	0.116	0.351	---	---	10
11	---	---	---	1.58	1.07	0.833	0.220	0.178	0.115	0.338	---	---	11
12	---	---	---	1.58	1.01	0.788	0.212	0.148	0.115	0.379	---	---	12
13	---	---	---	1.36	0.961	1.31	0.189	0.121	0.118	0.381	---	---	13
14	---	---	---	1.12	0.835	1.41	0.131	0.104	0.118	0.384	---	---	14
15	---	---	---	1.02	0.821	1.18	0.098	0.083	0.114	0.387	---	---	15
16	---	---	---	0.878	0.804	0.943	0.078	0.095	0.116	0.385	---	---	16
17	---	---	---	0.906	0.586	0.721	0.078	0.088	0.112	0.436	---	---	17
18	---	---	---	0.887	0.843	0.461	0.086	0.333	0.181	0.432	---	---	18
19	---	---	---	0.898A	1.68	0.819	0.187	0.438	0.261	0.436	---	---	19
20	---	---	---	0.857A	1.89	0.732	0.183	0.527	0.252	0.410	---	---	20
21	---	---	---	0.853A	1.85	0.529	0.170	0.498	0.232	0.465	---	---	21
22	---	---	---	0.786A	1.83	0.309	0.205	0.471	0.251	0.466	---	---	22
23	---	---	---	0.858A	1.34	0.181	0.353	0.397	0.324	0.447	---	---	23
24	---	---	---	1.18 A	1.25	0.140	0.448	0.430	0.281	0.425	---	---	24
25	---	---	---	1.81 A	1.44	0.147	0.410	0.493	0.280	0.418	---	---	25
26	---	---	---	1.85 A	1.90	0.180	0.488	0.501	0.278	0.410	---	---	26
27	---	---	---	1.83 A	2.39	0.138	0.533	0.420	0.272	0.375A	---	---	27
28	---	---	---	1.58 A	2.77	0.120	0.494	0.803	0.262	0.374E	---	---	28
29	---	---	---	1.40 A	3.08	0.094	0.537	0.492	0.266	0.373E	---	---	29
30	---	---	---	1.25 A	1.72	0.078	0.483	0.235	0.287	0.372E	---	---	30
31	---	---	---		1.03		0.518	0.158		0.371E			31
TOTAL	---	---	---	42.321	42.030	18.383	8.919	12.878	5.493	12.188	---	---	TOTAL
MEAN	---	---	---	1.41	1.38	0.809	0.223	0.409	0.183	0.393	---	---	MEAN
MAX	---	---	---	2.78	3.08	1.41	0.537	0.991	0.324	0.488	---	---	MAX
MIN	---	---	---	0.785	0.586	0.078	0.080	0.083	0.112	0.334	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.854

MINIMUM DAILY 0.080 ON JUL 3

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 12 N
LONG 109 31 22 W
DRAINAGE AREA 1 650 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	598
FEB	---	AUG	1 100
MAR	---	SEP	475
APR	3 680	OCT	1 050
MAY	3 630	NOV	---
JUN	1 580	DEC	---

TOTAL DISCHARGE 13 100 dam³

BATTLE RIVER AT BATTLEFORD - STATION NO 05FF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1 370	3 648	33 0	10 3	4 67	4 01	3 74	5 15	---	---	1
2	---	---	1 370	4 108	31 2	10 1	4 44	4 90	3 85	5 02	---	---	2
3	---	---	1 340	13 5 E	29 5	9 66	4 38	4 31	3 73	4 85	---	---	3
4	---	---	1 320	33 1 E	27 8	9 32	4 35	3 70	3 83	3 73	---	---	4
5	---	---	1 380	40 0 E	26 2	8 99	4 82	3 85	3 86	4 67	---	---	5
6	---	---	1 350	56 0 E	24 8	8 71	4 76	4 25	3 80	4 55	---	---	6
7	---	---	1 380	70 0 E	23 2	8 65	4 83	3 88	3 73	4 56	---	---	7
8	---	---	1 370	A0 0 E	21 8	8 42	4 78	4 46	3 76	4 47	---	---	8
9	---	---	1 340	93 0 E	20 9	8 03	5 31	5 24	3 84	4 44	---	---	9
10	---	---	1 360	110 E	19 7	8 33	5 43	5 27	4 25	4 46	---	---	10
11	---	---	1 360	118 E	18 8	8 33	5 10	5 28	4 18	4 41	---	---	11
12	---	---	1 330	104	17 8	7 80	4 73	5 34	4 16	4 38	---	---	12
13	---	---	1 400	86 0	17 1	7 38	4 49	5 39	7 40	4 31	---	---	13
14	---	---	1 430	71 8	16 2	7 05	5 12	7 00	8 71	4 28	---	---	14
15	---	---	1 800	62 0	15 8	7 08	4 74	6 23	8 38	4 20	---	---	15
16	---	---	1 480	54 7	15 0	7 07	4 55	5 78	8 88	4 16	---	---	16
17	---	---	1 490	50 2	14 1	6 54	4 16	5 57	8 03	4 11	---	---	17
18	---	---	1 520	45 8	13 5	6 05	4 07	5 47	7 43	4 07	---	---	18
19	---	---	1 550	44 1	13 0	5 71	4 24	5 23	7 10	4 02	---	---	19
20	---	---	1 590	42 3	12 4	5 39	4 34	5 07	7 34	3 98	---	---	20
21	---	---	1 590	40 5	11 8	5 50	4 04	5 01	8 91	3 92	---	---	21
22	---	---	1 630	39 8	11 8	5 38	3 84	5 39	8 88	3 91	---	---	22
23	---	---	1 670	38 8	11 3	5 12	3 83	5 33	8 44	3 93	---	---	23
24	---	---	1 740	38 3	11 1	4 91	4 26	4 58	7 84	3 74	---	---	24
25	---	---	1 810	39 7	11 0	4 73	3 88	4 72	7 22	3 80	---	---	25
26	---	---	2 460	39 5	11 2	4 80	3 46	4 59	6 85	3 74A	---	---	26
27	---	---	6 250	38 0	10 9	4 45	3 37	4 33	6 28	3 73E	---	---	27
28	---	---	3 730	38 2	10 8	4 48	3 27	4 15	5 87	3 72E	---	---	28
29	---		2 210	38 2	10 5	4 74	3 45	4 05	5 54	3 78A	---	---	29
30	---		1 920	34 5	10 2	4 66	3 42	3 83	5 34	3 76E	---	---	30
31	---		2 800		10 5		3 32	3 80		3 78E		---	31
TOTAL	---	---	56 02	1 572 24	532 6	207 48	133 04	151 59	182 38	130 55	---	---	TOTAL
MEAN	---	---	1 81	52 4	17 2	6 92	4 29	4 89	6 08	4 21	---	---	MEAN
MAX	---	---	6 25	118	33 0	10 3	5 43	7 00	8 71	5 15	---	---	MAX
MIN	---	---	1 32	3 64	10 2	4 45	3 27	3 70	3 60	3 73	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 13 1
MAXIMUM DAILY 1160 ON APR 11
MINIMUM DAILY 1 320 ON MAR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 44 07 N
LONG 108 20 09 W
DRAINAGE AREA 30 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 11 500	
FEB	---	AUG 13 100	
MAR	4 840	SEP 15 800	
APR	136 000	OCT 11 300	
MAY	46 000	NOV ---	
JUN	17 900	DEC ---	

TOTAL DISCHARGE 256 000 dam³

BEAR CREEK NEAR PIAPOT - STATION NO 05MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 2658	0 3288	5 08	0 477	0 197	0 038	0 113	0 070	0 068	---	---	1
2	---	0 2738	0 2958	2 77	0 511	0 207	0 038	0 089	0 058	0 070	---	---	2
3	---	0 2018	0 3978	2 73	0 436	0 208	0 030	0 070	0 053	0 078	---	---	3
4	---	0 2608	0 5338	2 88	0 376	0 182	0 025	0 061	0 048	0 084	---	---	4
5	---	0 2728	2 09 E	2 24	0 342	0 152	0 018	0 054	0 057	0 085	---	---	5
6	---	0 2698	4 80 E	1 83	0 305	0 131	0 018	0 046	0 051	0 087	---	---	6
7	---	0 7218	3 31 E	1 59	0 316	0 111	0 020	0 042	0 052	0 103	---	---	7
8	---	0 7188	1 53 E	1 38	0 281	0 105	0 020	0 032	0 058	0 102	---	---	8
9	---	0 4858	1 09 E	1 21	0 238	0 104	0 017	0 027	0 052	0 109	---	---	9
10	---	0 4748	1 02 E	1 06	0 218	0 108	0 018	0 027	0 052	0 114	---	---	10
11	---	0 4928	0 7288	0 870	0 197	0 103	0 015	0 023	0 045	0 118	---	---	11
12	---	0 5468	0 7438	0 804	0 182	0 121	0 018	0 018	0 051	0 121	---	---	12
13	---	0 5108	0 7178	0 817	0 134	0 094	0 022	0 018	0 047	0 120	---	---	13
14	---	0 5458	0 7548	0 759	0 138	0 078	0 018	0 031	0 045	0 145	---	---	14
15	---	0 4838	0 9588	0 708	0 138	0 061	0 013	0 198	0 042	0 134	---	---	15
16	---	0 4268	1 33 E	0 667	0 138	0 058	0 011	0 329	0 048	0 131	---	---	16
17	---	0 3008	1 01 E	0 642	0 138	0 055	0 008	0 184	0 058	0 146	---	---	17
18	---	0 2808	0 8638	0 647	0 141	0 047	0 008	0 118	0 064	0 148	---	---	18
19	---	0 2818	0 8238	0 656	0 149	0 041	0 020	0 088	0 065	0 145	---	---	19
20	---	0 2858	0 7368	0 648	0 139	0 058	0 027	0 078	0 063	0 146	---	---	20
21	---	0 2548	0 7068	0 600	0 138	0 073	0 041	0 068	0 061	0 151	---	---	21
22	---	0 3108	0 5808	0 531	0 137	0 070	0 040	0 058	0 058	0 150	---	---	22
23	---	0 2778	0 5568	0 481	0 136	0 058	0 054	0 055	0 054	0 141	---	---	23
24	---	0 2108	0 5838	0 908	0 132	0 047	0 075	0 080	0 051	0 137	---	---	24
25	---	0 2388	0 4818	0 517	0 127	0 038	0 053	0 228	0 058	0 139	---	---	25
26	---	0 2198	0 6148	0 470	0 157	0 037	0 047	0 248	0 084	0 141	---	---	26
27	---	0 2208	0 5768	0 433	0 212	0 033	0 047	0 180	0 082	0 1544	---	---	27
28	---	0 3248	0 3038	0 430	0 247	0 030	0 038	0 120	0 089	0 150E	---	---	28
29	---		0 4068	0 372	0 294	0 027	0 468	0 098	0 070	0 150E	---	---	29
30	---		0 6798	0 386	0 250	0 028	0 122	0 089	0 072	0 150E	---	---	30
31	---		1 48		0 204		0 153	0 081		0 150E		---	31
TOTAL	---	10 141	30 703	34 894	7 002	2 864	1 538	2 906	1 895	3 888	---	---	TOTAL
MEAN	---	0 362	0 990	1 16	0 226	0 089	0 050	0 094	0 057	0 125	---	---	MEAN
MAX	---	0 721	4 80	5 08	0 511	0 208	0 468	0 329	0 072	0 154	---	---	MAX
MIN	---	0 201	0 295	0 372	0 127	0 027	0 008	0 018	0 042	0 068	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 350
MAXIMUM DAILY 5 08 ON APR 1
MINIMUM DAILY 0 008 ON JUL 17
MAXIMUM INSTANTANEOUS
7 44 AT 12 32 CST ON APR 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 58 N
LONG 109 05 20 W
DRAINAGE AREA 253 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 133	
FEB	876	AUG 251	
MAR	2 650	SEP 148	
APR	3 010	OCT 336	
MAY	805	NOV ---	
JUN	230	DEC ---	

TOTAL DISCHARGE 8 240 dam³

BEAVER CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0389	0.0408	0.0358	9.11 B	0.040	0.158	0.028	0.040	0.026	0.033	0.035	---	1
2	0.0358	0.0398	0.0378	2.54 B	0.039	0.138	0.028	0.037	0.027	0.032	0.036	---	2
3	0.0348	0.0368	0.0398	1.38	0.044	0.078	0.028	0.036	0.029	0.032	0.036	---	3
4	0.0348	0.0368	0.0488	0.782	0.041	0.057	0.027	0.035	0.029	0.034	0.036	---	4
5	0.0248	0.0398	0.0538	0.395	0.039	0.047	0.040	0.034	0.028	0.033	0.035	---	5
6	0.0348	0.0458	0.0588	0.272	0.039	0.041	0.055	0.033	0.031	0.031	0.035	---	6
7	0.0388	0.1058	0.1978	0.185	0.039	0.039	0.037	0.031	0.030	0.031	0.034	---	7
8	0.0378	0.8078	0.1948	0.142	0.039	0.034	0.028	0.031	0.031	0.031	0.033	---	8
9	0.0278	1.17 B	0.1898	0.112	0.037	0.033	0.027	0.034	0.031	0.034	0.033	---	9
10	0.0388	0.7238	0.1218	0.084	0.036	0.034	0.541	0.033	0.032	0.034	0.034	---	10
11	0.0368	0.4398	0.0908	0.084	0.035	0.033	0.058	0.032	0.032	0.034	0.033	---	11
12	0.0368	0.3878	0.0728	0.082	0.034	0.030	0.041	0.030	0.032	0.034	0.033	---	12
13	0.0368	0.3308	0.0668	0.072	0.033	0.027	0.038	0.031	0.032	0.036	0.032	---	13
14	0.0408	0.2808	0.0718	0.068	0.033	0.026	0.035	0.033	0.033	0.035	0.032	---	14
15	0.0448	0.2308	0.0868	0.084	0.033	0.025	0.032	0.036	0.033	0.036	0.031	---	15
16	0.0408	0.2108	0.0828	0.082	0.033	0.024	0.031	0.034	0.035	0.038	0.031	---	16
17	0.0458	0.1818	0.0868	0.088	0.034	0.024	0.030	0.033	0.034	0.039	0.030	---	17
18	0.0438	0.0818	0.0878	0.087	0.037	0.023	0.048	0.033	0.036	0.040	0.0298	---	18
19	0.0438	0.0818	0.0738	0.054	0.039	0.024	0.050	0.032	0.034	0.041	0.0288	---	19
20	0.0438	0.0538	0.0798	0.052	0.039	0.027	0.038	0.030	0.034	0.041	0.0278	---	20
21	0.0438	0.0458	0.0828	0.050	0.038	0.028	0.040	0.028	0.033	0.043	0.0278	---	21
22	0.0438	0.0398	0.0858	0.048	0.039	0.027	0.041	0.028	0.032	0.044	0.0288	---	22
23	0.0438	0.0388	0.0858	0.048	0.037	0.026	0.038	0.027	0.031	0.043	0.0288	---	23
24	0.0438	0.0378	0.0858	0.048	0.037	0.026	0.036	0.027	0.031	0.042	0.0278	---	24
25	0.0428	0.0378	0.0808	0.045	0.041	0.025	0.034	0.028	0.029	0.043	0.0298	---	25
26	0.0428	0.0388	0.7408	0.043	0.042	0.024	0.032	0.028	0.028	0.043	0.0308	---	26
27	0.0428	0.0358	3.17 B	0.042	0.048	0.024	0.031	0.027	0.030	0.040	0.0318	---	27
28	0.0428	0.0348	2.33 B	0.041	0.049	0.027	0.030	0.027	0.041	0.035	0.0338	---	28
29	0.0428		1.47 B	0.039	0.050	0.028	0.041	0.030	0.037	0.033	0.0348	---	29
30	0.0428		1.30 B	0.040	0.044	0.030	0.090	0.031	0.034	0.032	0.0388	---	30
31	0.0428		1.28 B		0.042		0.048	0.025		0.031		---	31
TOTAL	1.227	5.893	17.398	18.109	1.208	1.184	1.714	0.973	0.958	1.131	0.954	---	TOTAL
MEAN	0.040	0.200	0.561	0.537	0.039	0.039	0.055	0.031	0.032	0.036	0.032	---	MEAN
MAX	0.045	1.17	3.28	9.11	0.050	0.158	0.541	0.040	0.041	0.044	0.036	---	MAX
MIN	0.034	0.034	0.035	0.039	0.033	0.023	0.027	0.025	0.026	0.031	0.026	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.145
MAXIMUM DAILY, 9.118 ON APR 1
MINIMUM DAILY, 0.023 ON JUN 18
MAXIMUM INSTANTANEOUS,
16.08 AT 05 07 CST ON APR 1

SUMMARY FOR THE MONTHS JAN TO NOV

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 59 N
LONG 105 02 06 W
DRAINAGE AREA, 385 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	106	JUL	148
FEB	483	AUG	84.1
MAR	1 500	SEP	82.6
APR	1 380	OCT	97.7
MAY	104	NOV	82.4
JUN	102	DEC	---

TOTAL DISCHARGE, 4 180 dam³

BEAVER RIVER BELOW WATERHEN RIVER - STATION NO 08AG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.88	21.08	20.18	33.08	116	54.9	34.0	29.3	28.1	27.5	22.8	18.1 B	1
2	22.98	21.38	20.78	33.48	115	53.9	32.9	28.4	28.1	27.3	22.5	18.0 B	2
3	23.88	21.78	20.38	33.88	114	52.6	31.7	28.4	28.3	27.3	22.1	17.7 B	3
4	22.08	22.08	20.98	34.08	112	51.1	30.6	25.0	28.2	27.7	22.2	18.6 B	4
5	33.18	21.98	21.78	33.68	111	49.8	29.8	23.7	28.1	28.1	21.9	18.4 B	5
6	25.48	21.78	22.58	34.28	108	49.1	29.1	22.8	28.4	28.3	21.3	18.7 B	6
7	28.48	22.28	22.78	37.48	105	48.7	28.2	22.6	28.6	28.3	21.0	17.6 B	7
8	26.78	23.08	20.78	40.48	98.2	48.7	28.0	22.5	28.7	28.6	21.78	18.6 B	8
9	26.78	24.18	19.78	41.88	92.3	48.2	30.3	22.4	28.0	28.4	20.88	18.7 B	9
10	28.68	24.38	21.08	49.78	88.3	46.6	31.9	21.9	28.1	28.0	20.58	18.1 B	10
11	28.48	23.98	22.48	52.38	85.3	50.9	30.6	24.6	28.3	28.1	18.58	16.3 B	11
12	26.38	23.48	21.88	54.18	84.6	50.8	29.8	26.4	27.9	28.3	20.08	18.7 B	12
13	25.98	22.78	21.08	54.88	82.7	49.4	28.9	26.6	27.5	28.2	20.68	15.6 B	13
14	25.78	22.18	22.28	57.58	80.3	48.0	29.1	26.5	27.4	27.9	17.98	12.3 B	14
15	22.58	20.68	22.78	58.88	77.9	46.9	30.9	26.0	27.5	28.1	18.78	11.5 B	15
16	22.08	21.38	23.48	63.18	78.4	48.1	30.1	26.2	27.8	28.0	18.78	11.5 B	16
17	22.58	22.58	24.18	98.88	73.1	44.7	29.7	26.2	27.9	27.9	18.08	11.2 B	17
18	23.38	22.58	24.08	118 B	71.8	43.7	29.2	26.0	27.7	27.6	16.78	12.2 B	18
19	23.08	22.68	23.98	118	69.8	42.7	29.2	25.9	27.7	27.1	16.98	14.5 B	19
20	22.88	23.28	23.88	120	68.5	41.2	30.7	25.7	27.4	26.9	16.98	14.5 B	20
21	22.48	23.58	24.08	120	67.3	40.5	30.4	25.8	26.9	27.2	20.28	14.0 B	21
22	22.28	23.28	24.58	124	66.2	39.1	29.1	25.7	26.5	27.3	18.68	12.2 B	22
23	22.18	22.88	24.28	127	64.8	37.8	27.9	25.8	26.6	26.8	18.28	12.6 B	23
24	21.88	22.88	24.68	125	63.8	36.8	27.3	25.9	26.4	26.5	17.58	12.8 B	24
25	21.78	22.18	25.08	124	62.1	35.6	26.8	26.4	26.4	26.3	17.88	11.2 B	25
26	21.58	20.88	24.88	121	60.7	34.6	25.7	26.7	26.6	25.8	17.78	12.8 B	26
27	21.48	19.48	25.78	117	59.4	33.0	25.4	26.9	26.8	25.1	17.88	13.3 B	27
28	21.18	19.58	21.58	119	58.6	31.9	27.1	27.0	27.0	24.8	16.38	13.5 B	28
29	20.78		25.98	121	57.8	31.2	28.9	27.7	27.3	24.6	16.38	13.6 B	29
30	20.78		30.08	119	57.3	32.3	29.0	27.9	27.5	23.9	17.98	13.5 B	30
31	20.88		31.78		56.2		28.8	28.0		23.2		9.838	31
TOTAL	735.1	622.0	722.9	2 378.8	2 503.8	1 323.0	910.9	789.1	828.1	838.1	581.7	453.43	TOTAL
MEAN	23.4	22.2	23.3	79.3	80.8	44.1	29.4	25.8	27.6	27.1	19.4	14.6	MEAN
MAX	28.7	24.3	31.7	127	116	54.9	34.0	28.3	28.7	28.8	22.8	18.7	MAX
MIN	20.7	19.4	19.7	33.0	56.2	31.2	25.4	21.9	26.4	23.2	16.7	9.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.8
MAXIMUM DAILY, 127 ON APR 23
MINIMUM DAILY, 9.838 ON DEC 31
MAXIMUM INSTANTANEOUS,
128 AT 11 08 CST ON APR 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 49 09 N
LONG 107 48 38 W
DRAINAGE AREA, 45 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	82 600	JUL	78 700
FEB	63 700	AUG	69 000
MAR	82 600	SEP	71 600
APR	206 000	OCT	72 600
MAY	216 000	NOV	58 300
JUN	114 000	DEC	39 200

TOTAL DISCHARGE, 1 100 000 dam³

BEAVER RIVER NEAR DORINTOSH - STATION NO 05AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.398	4.128	4.258	4.948	65.3	25.5	13.6	7.60E	9.58	6.40	4.348	2.388	1
2	4.418	4.088	4.288	5.098	63.3	25.0	13.3	7.30E	9.32	6.84	4.328	2.328	2
3	4.388	4.068	4.348	5.188	61.6	24.8	12.9	7.00E	9.54	6.70	4.348	2.308	3
4	4.348	4.078	4.518	5.828	59.8	25.0	12.5	6.80E	9.67	6.48	4.258	2.338	4
5	4.308	4.108	4.748	6.488	57.5	25.3	12.0	6.60E	9.37	6.28	4.038	2.348	5
6	4.258	4.188	5.118	9.398	55.3	25.4	11.7	6.50E	8.95	5.97	3.958	2.358	6
7	4.238	4.318	5.078	19.2 B	52.8	25.5	12.2	6.45E	8.97	5.74	3.588	2.328	7
8	4.248	4.378	4.848	28.4 B	50.4	25.8	13.1	6.55E	8.88	5.65	3.528	2.278	8
9	4.288	4.378	4.588	29.0 B	48.8	26.1	12.7	6.70E	8.80	5.53	3.448	2.258	9
10	4.328	4.278	4.578	31.6 B	46.8	28.7	12.6	6.85E	8.54	5.32	3.148	2.228	10
11	4.358	4.208	4.618	35.4 B	45.2	28.0	12.8	7.00E	8.44	5.23	3.488	2.208	11
12	4.328	4.128	4.858	41.8 B	43.2	26.0	13.0	7.30E	8.27	5.21	3.298	2.208	12
13	4.348	3.998	4.888	50.4 B	41.2	27.2	12.5	7.80E	7.93	5.23	2.828	2.248	13
14	4.388	3.948	4.738	60.8 B	39.8	28.8	12.1	7.90E	7.75	5.08	2.838	2.278	14
15	4.458	4.018	4.888	84.6	38.4	26.3	12.3	8.20E	7.46	5.01	3.398	2.288	15
16	4.388	4.028	4.958	118	38.9	25.7	12.1	8.30E	7.20	4.98	2.738	2.308	16
17	4.328	4.048	5.038	118	35.6	25.2	11.7	8.40E	6.88	5.08	2.708	2.318	17
18	4.358	4.018	5.218	115	34.7	24.4	11.0	8.40E	6.66	5.08	2.648	2.308	18
19	4.258	4.048	5.208	108	33.7	23.1	10.7	8.45E	6.55	4.80	2.778	2.308	19
20	4.288	4.058	5.278	104	32.8	22.2	11.0	8.47A	6.47	4.85	2.618	2.308	20
21	4.308	4.058	5.308	104	31.5	22.1	10.8	8.20	6.42	4.88	2.728	2.308	21
22	4.308	4.138	5.278	101	30.4	20.7	10.8	8.00	6.38	5.04	2.838	2.308	22
23	4.298	4.238	5.238	95.3	28.7	19.5	10.8	7.84	6.46	4.88	2.818	2.358	23
24	4.208	4.328	5.138	89.5	29.2	18.3	10.3	8.00	6.58	4.73	2.618	2.368	24
25	4.118	4.328	4.988	84.7	28.4	17.6	9.98	8.58	6.64	4.65	2.788	2.318	25
26	4.088	4.308	4.818	80.5	27.6	16.7	9.45	8.75	8.31	4.52	2.888	2.228	26
27	4.088	4.298	4.888	77.0	27.2	16.0	9.10	8.83	8.08	4.44	2.628	2.158	27
28	4.088	4.328	4.698	73.7	27.1	15.6	8.83A	9.37	5.90	4.32	2.538	2.088	28
29	4.138		4.618	70.7	26.7	15.1	8.70E	9.35	5.84	4.27	2.488	1.988	29
30	4.108		4.608	68.0	26.7	14.4	8.30E	9.61	5.71	4.26	2.478	1.918	30
31	4.138		4.898		26.4		7.95E	9.61		4.30		1.908	31
TOTAL	132.32	118.35	149.46	1 884.48	1 253.7	686.1	350.96	244.78	227.28	161.84	95.20	69.86	TOTAL
MEAN	4.27	4.18	4.82	62.1	40.4	22.9	11.3	7.90	7.58	5.22	3.17	2.25	MEAN
MAX	4.45	4.37	5.30	118	65.3	28.0	13.6	9.61	9.67	6.84	4.34	2.38	MAX
MIN	4.06	3.84	4.25	4.84	26.4	14.4	7.95	6.45	5.71	4.25	2.47	1.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.7
MAXIMUM DAILY, 118 ON APR 16
MINIMUM DAILY, 1.908 ON DEC 31
MAXIMUM INSTANTANEOUS,
118 AT 13:30 CST ON APR 16

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 47 N
LONG 108 36 16 W
DRAINAGE AREA, 20 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 400	JUL	30 300
FEB	10 100	AUG	21 100
MAR	12 900	SEP	19 600
APR	161 000	OCT	14 000
MAY	108 000	NOV	8 230
JUN	59 500	DEC	6 020

TOTAL DISCHARGE, 482 000 dam³

BELANGER CREEK DIVERSION TO CYPRESS LAKE - STATION NO 11AC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.27	0	0	0	0	0	0	---	---	1
2	---	---	0 B	3.15	0	0	0	0	0	0	---	---	2
3	---	---	0 B	3.86	0.011	0	0	0	0	0	---	---	3
4	---	---	0 B	5.80	0.040	0	0	0	0	0	---	---	4
5	---	---	0.8048	6.72	0.038	0	0	0	0	0	---	---	5
6	---	---	1.81 B	6.27	0.036	0	0	0	0	0	---	---	6
7	---	---	2.93 B	4.43	0.031	0	0	0	0	0	---	---	7
8	---	---	1.63 B	3.25	0.027	0	0	0	0	0	---	---	8
9	---	---	1.85 B	2.38	0.022	0	0	0	0	0	---	---	9
10	---	---	1.74 B	1.76	0.015	0	0	0	0	0	---	---	10
11	---	---	1.31 B	1.62	0.011	0	0	0	0	0	---	---	11
12	---	---	1.06 B	1.36	0.005	0	0	0	0	0	---	---	12
13	---	---	0.9108	1.26	0.004	0	0	0	0	0	---	---	13
14	---	---	1.06 B	1.10	0.001	0	0	0	0	0	---	---	14
15	---	---	1.73 B	1.04	0	0	0	0	0	0	---	---	15
16	---	---	1.22 B	0.980	0	0	0	0	0	0	---	---	16
17	---	---	1.14	0.938	0	0	0	0	0	0	---	---	17
18	---	---	1.50	0.895	0	0	0	0	0	0	---	---	18
19	---	---	1.52	0.826	0.267	0	0	0	0	0	---	---	19
20	---	08	1.20	0.780	0.255	0	0	0	0	0	---	---	20
21	---	08	1.14	0.588	0.016	0	0	0	0	0	---	---	21
22	---	08	1.18 B	0.369	0	0	0	0	0	0	---	---	22
23	---	08	0.8348	0.325	0	0	0	0	0	0	---	---	23
24	---	08	0.8188	0.289	0	0	0	0	0	0	---	---	24
25	---	08	0.742	0	0	0	0	0	0	0	---	---	25
26	---	08	1.18	0	0	0	0	0	0	0	---	---	26
27	---	08	1.01 B	0	0	0	0	0	0	0	---	---	27
28	---	08	0.9218	0	0	0	0	0	0	0A	---	---	28
29	---		0.7948	0	0	0	0	0	0	0E	---	---	29
30	---		0.625	0	0	0	0	0	0	0E	---	---	30
31	---		1.65		0		0	0		0E		---	31
TOTAL	---	---	33.808	53.512	0.775	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	1.06	1.75	0.025	0	0	0	0	0	---	---	MEAN
MAX	---	---	2.93	6.72	0.267	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.365
MAXIMUM DAILY, 6.72 ON APR 5
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 38 N
LONG 109 21 54 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2 900	SEP	0
APR	4 540	OCT	0
MAY	67.0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 7 510 dam³

BIG GULLY CREEK NEAR MAIDSTONE - STATION NO 05EF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.2888	2.82	0.357	0.053	0	0	0	---	---	1
2	---	---	0.0018	1.09 B	2.46	0.360	0.054	0	0	0	---	---	2
3	---	---	0.0018	3.31 B	2.32	0.318	0.050	0	0	0	---	---	3
4	---	---	0.0018	3.74 B	2.16	0.278	0.048	0	0	0	---	---	4
5	---	---	0.0018	2.89 B	2.01	0.288	0.052	0	0	0	---	---	5
6	---	---	0.0018	4.01 B	1.86	0.238	0.060	0	0	0	---	---	6
7	---	---	0.0018	11.7 B	1.76	0.242	0.070	0	0	0	---	---	7
8	---	---	0.0018	9.83	1.72	0.243	0.074	0	0	0	---	---	8
9	---	---	0.0018	8.51	1.84	0.231	0.074	0	0	0	---	---	9
10	---	---	0.0018	9.45	1.52	0.215	0.073	0.015	0	0	---	---	10
11	---	---	0.0018	13.9	1.43	0.213	0.067	0.022	0	0	---	---	11
12	---	---	0.0018	14.1	1.35	0.204	0.057	0.014	0	0	---	---	12
13	---	---	0.0018	12.4	1.27	0.176	0.049	0.008	0	0	---	---	13
14	---	---	0.0018	12.9	1.12	0.148	0.043	0.004	0	0	---	---	14
15	---	---	0.0028	10.8	0.950	0.112	0.035	0.002	0	0	---	---	15
16	---	---	0.0038	9.53	0.856	0.072	0.028	0.001	0	0	---	---	16
17	---	---	0.0048	8.96	0.843	0.047	0.021	0.001	0	0	---	---	17
18	---	---	0.0038	8.08	0.629	0.036	0.015	0	0	0	---	---	18
19	---	---	0.0028	7.33	0.782	0.033	0.017	0	0	0	---	---	19
20	---	---	0.0018	8.78	0.746	0.036	0.019	0	0	0	---	---	20
21	---	---	0.0018	8.27	0.703	0.041	0.012	0	0	0	---	---	21
22	---	---	0.0018	5.72	0.842	0.043	0.008	0	0	0	---	---	22
23	---	---	0.0018	5.18	0.808	0.048	0.005	0	0	0	---	---	23
24	---	---	0.0018	4.70	0.584	0.047	0.004	0	0	0	---	---	24
25	---	---	0.0018	4.28	0.528	0.052	0.001	0	0	0	---	---	25
26	---	---	0.0018	3.87	0.474	0.052	0	0	0	0	---	---	26
27	---	---	0.0018	3.64	0.423	0.048	0	0	0	0	---	---	27
28	---	---	0.0018	3.38	0.386	0.043	0	0	0	0	---	---	28
29	---		0.0018	3.09	0.386	0.042	0	0	0	0E	---	---	29
30	---		0.0018	2.83	0.375	0.047	0	0	0	0E	---	---	30
31	---		0.0838		0.363		0	0		0E		---	31
TOTAL	---	---	0.092	202.778	35.736	4.281	0.880	0.067	0	0	---	---	TOTAL
MEAN	---	---	0.003	6.76	1.15	0.143	0.032	0.002	0	0	---	---	MEAN
MAX	---	---	0.053	14.1	2.82	0.360	0.074	0.022	0	0	---	---	MAX
MIN	---	---	0.001	0.288	0.363	0.033	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 996
MAXIMUM DAILY, 14.1 ON APR 13
MINIMUM DAILY, 0 ON JUL 26
MAXIMUM INSTANTANEOUS,
19.1 AT 16:30 CST ON APR 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 38 N
LONG 109 17 45 W
DRAINAGE AREA, 1 630 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	85 5
FEB	---	AUG	5 79
MAR	7 95	SEP	0
APR	17 500	OCT	0
MAY	3 080	NOV	---
JUN	370	DEC	---

TOTAL DISCHARGE, 21 100 dam³

BIG QUILL LAKE NEAR KANDAHAR - STATION NO 05HA010

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	514.832	514.808	---	---	514.821	514.573	---	---	1
2	---	---	---	---	---	514.802	---	---	514.821	514.498	514.500	---	2
3	---	---	---	---	---	514.818	---	---	514.811	514.512	514.555	---	3
4	---	---	---	---	514.675	514.807	---	---	514.580	514.507	---	---	4
5	---	---	---	---	514.689	514.789	---	---	514.510	514.532	---	---	5
6	---	---	---	---	514.888	---	514.739	514.825	---	514.537	---	---	6
7	---	---	---	---	514.882	---	---	514.885	---	514.557	514.535	---	7
8	---	---	---	---	514.904	514.787	---	514.864	---	514.547	514.515	---	8
9	---	---	---	---	---	514.748	---	514.854	514.570	514.557	514.505	---	9
10	---	---	---	---	---	514.739	---	514.854	514.580	514.502	514.495	---	10
11	---	---	---	---	514.865	514.783	---	514.864	514.580	514.507	514.515	---	11
12	---	---	---	---	514.828	514.788	---	---	514.610	514.537	---	---	12
13	---	---	---	---	514.888	---	---	514.868	514.540	514.521	514.525	---	13
14	---	---	---	---	514.828	---	---	514.882	514.579	---	---	---	14
15	---	---	---	---	514.874	514.761	---	---	514.575	---	---	---	15
16	---	---	---	---	---	514.738	---	514.858	514.586	514.585	514.505	---	16
17	---	---	---	---	---	514.780	---	514.833	514.589	---	514.520	---	17
18	---	---	---	---	514.622	514.741	---	514.842	514.589	---	---	---	18
19	---	---	---	---	514.818	514.761	---	514.842	514.558	514.586	---	---	19
20	---	---	---	---	514.828	---	---	514.830	514.575	514.536	---	---	20
21	---	---	---	---	514.781	---	---	514.852	---	514.515	---	---	21
22	---	---	---	---	---	514.728	---	---	---	514.576	---	---	22
23	---	---	---	---	---	514.721	---	---	514.558	514.495	---	---	23
24	---	---	---	---	514.788	514.738	---	514.817	514.558	514.515	---	---	24
25	---	---	---	---	514.807	514.741	---	514.821	514.563	---	---	---	25
26	---	---	---	---	514.785	---	---	514.828	514.568	---	---	---	26
27	---	---	---	---	514.882	---	---	514.851	514.548	514.515	---	---	27
28	---	---	---	---	514.828	514.738	514.882	514.801	514.528	514.510	---	---	28
29	---		---	---	---	514.748	514.887	514.812	514.558	514.515	---	---	29
30	---		---	514.882	---	---	---	---	514.538	514.515	---	---	30
31	---		---		---		514.888	---		514.515		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 514 918 ON MAY 19
MINIMUM DAILY, 514.495 ON OCT 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 46 54 N
LONG 104 19 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIG SANDY LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KF004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	383.478	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	383.385	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		383.473	---	---	---	---	---	31
							---			---			
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 38 N
LONG 104 10 36 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIGSTONE LAKE NEAR LA RONGE - STATION NO. 05CA004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.807	0.786	0.770	0.772	1.048	1.116	0.948	0.894	0.863	0.823	0.793	0.745	1
2	0.806	0.785	0.770	0.788	1.058	1.120	0.948	0.885	0.858	0.817	0.792	0.744	2
3	0.802	0.786	0.770	0.787	1.079	1.106	0.949	0.878	0.849	0.812	0.809	0.740	3
4	0.801	0.783	0.771	0.788	1.095	1.091	0.931	0.881	0.858	0.814	0.819	0.738	4
5	0.801	0.781	0.772	0.784	1.110	1.074	0.928	0.882	0.861	0.811	0.801	0.738	5
6	0.798	0.778	0.772	0.785	1.111	1.058	0.919	0.878	0.872	0.808	0.781	0.738	6
7	0.797	0.782	0.773	0.787	1.114	1.058	0.918	0.883	0.871	0.801	0.783	0.739	7
8	0.797	0.781	0.773	0.771	1.128	1.081	0.916	0.883	0.871	0.801	0.783	0.739	8
9	0.795	0.780	0.772	0.785	1.113	1.085	0.906	0.854	0.863	0.826	0.782	0.740	9
10	0.794	0.778	0.769	0.809	1.113	1.080	0.910	0.839	0.855	0.827	0.778	0.748	10
11	0.794	0.781	0.767	0.813	1.118	1.068	0.913	0.858	0.851	0.824	0.775	0.759	11
12	0.791	0.778	0.767	0.817	1.121	1.064	0.914	0.892	0.844	0.825	0.778	0.759	12
13	0.797	0.778	0.766	0.820	1.128	1.068	0.910	0.886	0.840	0.857	0.774	0.759	13
14	0.795	0.778	0.764	0.819	1.123	1.068	0.911	0.883	0.841	0.838	0.774	0.758	14
15	0.793	0.778	0.762	0.822	1.131	1.034	0.918	0.894	0.832	0.821	0.775	0.763	15
16	0.789	0.778	0.764	0.830	1.131	1.021	0.918	0.881	0.840	0.818	0.775	0.763	16
17	0.785	0.780	0.763	0.835	1.128	1.031	0.917	0.884	0.840	0.817	0.774	0.758	17
18	0.785	0.777	0.762	0.842	1.124	1.021	0.914	0.883	0.838	0.828	0.770	0.752	18
19	0.784	0.778	0.763	0.855	1.108	1.011	0.911	0.877	0.835	0.825	0.785	0.758	19
20	0.785	0.778	0.764	0.872	1.128	1.000	0.917	0.881	0.837	0.818	0.758	0.758	20
21	0.787	0.778	0.767	0.889	1.129	0.987	0.917	0.895	0.833	0.805	0.757	0.753	21
22	0.785	0.778	0.766	0.906	1.124	0.988	0.918	0.898	0.835	0.808	0.758	0.751	22
23	0.783	0.777	0.766	0.927	1.117	0.987	0.915	0.888	0.827	0.808	0.758	0.751	23
24	0.779	0.776	0.766	0.943	1.115	0.981	0.909	0.879	0.828	0.811	0.754	0.750	24
25	0.779	0.774	0.766	0.960	1.113	0.976	0.907	0.869	0.828	0.807	0.751	0.750	25
26	0.781	0.775	0.767	0.985	1.108	0.963	0.906	0.872	0.829	0.815	0.750	0.753	26
27	0.778	0.773	0.767	1.002	1.102	0.948	0.903	0.873	0.826	0.813	0.750	0.753	27
28	0.777	0.769	0.768	1.011	1.095	0.941	0.911	0.871	0.831	0.805	0.750	0.753	28
29	0.783		0.762	1.025	1.101	0.933	0.901	0.882	0.827	0.805	0.747	0.754	29
30	0.784		0.765	1.043	1.094	0.935	0.892	0.876	0.834	0.789	0.747	0.754	29
31	0.787		0.773		1.085		0.892	0.875		0.784		0.753	30
													31
MEAN	0.791	0.778	0.767	0.888	1.110	1.027	0.915	0.878	0.844	0.815	0.772	0.750	MEAN
MAX	0.807	0.786	0.773	1.043	1.131	1.120	0.948	0.898	0.881	0.857	0.819	0.759	MAX
MIN	0.777	0.769	0.762	0.784	1.048	0.933	0.892	0.839	0.826	0.792	0.747	0.738	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 105 31 48 W

WATER LEVELS IN METRES

MEAN, 0.859
MAXIMUM DAILY, 1.131 ON MAY 15
MINIMUM DAILY, 0.738 ON DEC 7
MAXIMUM INSTANTANEOUS,
1.194 AT 11:55 CST ON MAY 6

REGULATED

DRAINAGE AREA,
7 280 km^2

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

BIRCH CREEK NEAR ELFROS - STATION NO 05MA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 [illegible]	0 1118	0.003	0 001	0 001	0 001	0	0	0 001	---	1
2	---	---	0 [illegible]	0 1818	0 003	0 001	0 001	0 001	0	0	0 001	---	2
3	---	---	0 [illegible]	0 3018	0 002	0 001	0 001	0 001	0	0	0 001	---	3
4	---	---	0 0048	0 4338	0 002	0 001	0 001	0 001	0	0	0 001	---	4
5	---	---	0 0438	0 5548	0 002	0 001	0 001	0 001	0	0	0 001	---	5
6	---	---	0 1448	0 5898	0 001	0 001	0 001	0 001	0	0	0 001	---	6
7	---	---	0 0188	0 6228	0 002	0 008	0 001	0 001	0	0	0 001	---	7
8	---	---	0 0088	0 6378	0 001	0	0 001	0 001	0	0 001	0 001	---	8
9	---	---	0 0048	0 489	0 002	0	0 001	0 001	0	0 001	0 001	---	9
10	---	---	0 0028	0 344	0 002	0	0 001	0 001	0	0 001	0 001A	---	10
11	---	---	0 0028	0 235	0 002	0	0 001	0 001	0	0 001	---	---	11
12	---	---	0 0028	0 177	0 002	0	0 001	0 001	0	0 001	---	---	12
13	---	---	0 0028	0 119	0 002	0	0 001	0 001	0	0 001	---	---	13
14	---	---	0 0028	0 077	0 002	0	0 001	0 001	0	0 001	---	---	14
15	---	---	0 0028	0.084	0.002	0	0 001	0 001	0	0 001	---	---	15
16	---	---	0 0028	0 088	0 002	0	0 001	0 001	0	0 001	---	---	16
17	---	---	0 0038	0 037	0.002	0	0 001	0 001	0	0 001	---	---	17
18	---	---	0 0048	0 015	0.002	0	0 001	0 001	0	0 001	---	---	18
19	---	---	0.0038	0 017	0.002	0	0 001	0 001	0	0 001	---	---	19
20	---	---	0 0158	0 010	0 001	0	0 001	0.001	0	0.001	---	---	20
21	---	---	0 0708	0 007	0 001	0	0 001	0 001	0	0 001	---	---	21
22	---	---	0 0338	0 003	0.001	0	0 001	0 001	0	0 001	---	---	22
23	---	---	0 0408	0 005	0 001	0	0 002	0 001	0	0 001	---	---	23
24	---	---	0 2178	0 007	0 001	0	0 002	0	0	0 001	---	---	24
25	---	---	0 1828	0 008	0 001	0	0 002	0	0	0 001	---	---	25
26	---	---	0 1268	0.170	0.001	0	0 002	0	0	0 001	---	---	26
27	---	---	0 1488	0 068	0 001	0	0 002	0	0	0 001	---	---	27
28	---	---	0.0878	0 017	0 001	0	0 002	0	0.008	0 001	---	---	28
29	---		0 0588	0 006	0 001	0	0 002	0	0	0 001	---	---	29
30	---		0 0518	0 002	0 001	0	0 002	0	0	0 001	---	---	30
31	---		0 0788		0 001		0 001	0		0 001		---	31
TOTAL	---	---	1 483	5 384	0.050	0 014	0 038	0 023	0 008	0 024	---	---	TOTAL
MEAN	---	---	0 047	0 179	0.002	0	0 001	0 001	0	0 001	---	---	MEAN
MAX	---	---	0 317	0 637	0 003	0 008	0 002	0 001	0 008	0 001	---	---	MAX
MIN	---	---	0	0 002	0 001	0	0 001	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 028
MAXIMUM DAILY 0 6378 ON APR 8
MINIMUM DAILY 00 ON MAR 1
MAXIMUM INSTANTANEOUS
0 7138 AT 22 42 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 44 46 N
LONG 103 52 27 W
DRAINAGE AREA 892 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 37
FEB	---	AUG	1 99
MAR	126	SEP	0 52
APR	483	OCT	2 07
MAY	4 32	NOV	---
JUN	1 21	DEC	---

TOTAL DISCHARGE 802 dam³

BIRLING CREEK NEAR PAYNTON - STATION NO 05EG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	00	0 [illegible]	0	0	0	0	0	0	---	---	1
2	---	---	00	0 [illegible]	0	0	0	0	0	0	---	---	2
3	---	---	00	0 [illegible]	0	0	0	0	0	0	---	---	3
4	---	---	00	0 0285	0	0	0	0	0	0	---	---	4
5	---	---	00	0 0148	0	0	0	0	0	0	---	---	5
6	---	---	00	0 008	0	0	0	0	0	0	---	---	6
7	---	---	00	0 003	0	0	0	0	0	0	---	---	7
8	---	---	00	0 002	0	0	0	0	0	0	---	---	8
9	---	---	00	0 002	0	0	0	0	0	0	---	---	9
10	---	---	00	0 002	0	0	0	0	0	0	---	---	10
11	---	---	00	0 001	0	0	0	0	0	0	---	---	11
12	---	---	00	0 001	0	0	0	0	0	0	---	---	12
13	---	---	00	0 011	0	0	0	0	0	0	---	---	13
14	---	---	00	0 002	0	0	0	0	0	0	---	---	14
15	---	---	00	0 002	0	0	0	0	0	0	---	---	15
16	---	---	00	0 001	0	0	0	0	0	0	---	---	16
17	---	---	00	0 001	0	0	0	0	0	0	---	---	17
18	---	---	00	0 001	0	0	0	0	0	0	---	---	18
19	---	---	00	0 017	0	0	0	0	0	0	---	---	19
20	---	---	00	0 014	0	0	0	0	0	0	---	---	20
21	---	---	00	0 007	0	0	0	0	0	0	---	---	21
22	---	---	00	0 003	0	0	0	0	0	0	---	---	22
23	---	---	00	0 002	0	0	0	0	0	0	---	---	23
24	---	---	00	0 002	0	0	0	0	0	0	---	---	24
25	---	---	00	0 002	0	0	0	0	0	0	---	---	25
26	---	---	00	0 001	0	0	0	0	0	0	---	---	26
27	---	---	00	0 001	0	0	0	0	0	0	---	---	27
28	---	---	00	0 001	0	0	0	0	0	0	---	---	28
29	---		00	0 001	0	0	0	0	0	0	---	---	29
30	---		00	0	0	0	0	0	0	0	---	---	30
31	---		00		0		0	0		0		---	31
TOTAL	---	---	0	0 125	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0 004	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0 028	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 001
MAXIMUM DAILY 0 0285 ON APR 4
MINIMUM DAILY 00 ON MAR 1
MAXIMUM INSTANTANEOUS
0 2218 AT 15 35 CST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 04 45 N
LONG 108 59 00 W
DRAINAGE AREA 428 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	10 8	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 10 8 dam³

BOGGY CREEK NEAR LUMSDEN - STATION NO 05JF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.373E	0.004	0.011	0	0	0	0	---	---	1
2	---	---	0 B	0.321E	0.005	0.010	0.005	0	0.001	0	---	---	2
3	---	---	0 B	0.303E	0.006	0.007	0.005	0	0	0	---	---	3
4	---	---	0 B	0.275E	0.003	0.003	0.005	0	0	0	---	---	4
5	---	---	0 B	0.230E	0.006	0.006	0.004	0	0.001	0	---	---	5
6	---	---	0 B	0.185	0.016	0.009	0	0.001	0.001	0.002	---	---	6
7	---	---	0 B	0.151	0.016	0.010	0	0.003	0	0.005	---	---	7
8	---	---	0 B	0.108	0.022	0.008	0.001	0.005	0	0.006	---	---	8
9	---	---	0 B	0.089	0.024	0.008	0	0.006	0	0	---	---	9
10	---	---	0 B	0.081	0.025	0.010	0.001	0.006	0	0	---	---	10
11	---	---	0 B	0.038	0.022	0.014	0.006	0.005	0	0.004	---	---	11
12	---	---	0 B	0.031	0.018	0.010	0.006	0.004	0	0.007	---	---	12
13	---	---	0 B	0.017	0.019	0.006	0.002	0.004	0.001	0.007	---	---	13
14	---	---	0 B	0.017	0.012	0.002	0.002	0.003	0.001	0.005	---	---	14
15	---	---	0 B	0.018	0.010	0	0.001	0.004	0.001	0.006	---	---	15
16	---	---	0 B	0.017	0.009	0	0	0.003	0.002	0.009	---	---	16
17	---	---	0 B	0.017	0.009	0	0.001	0.003	0.004	0.008	---	---	17
18	---	---	0 B	0.016	0.009	0	0.008	0.004	0.003	0.007	---	---	18
19	---	---	0 B	0.016	0.009	0	0.007	0.003	0.001	0.008	---	---	19
20	---	---	0.018B	0.013	0.007	0	0.003	0.003	0	0.008	---	---	20
21	---	---	0.075B	0.010	0.007	0	0.003	0.001	0	0.007	---	---	21
22	---	---	0.588B	0.011	0.007	0	0.008	0	0	0.006	---	---	22
23	---	---	0.527B	0.011	0.008	0	0.008	0	0	0.007	---	---	23
24	---	---	0.541B	0.010	0.009	0	0.007	0	0	0.007	---	---	24
25	---	---	1.38 B	0.010	0.006	0	0.007	0	0	0.006	---	---	25
26	---	---	1.11 B	0.012	0.008	0	0.007	0.001	0	0.007	---	---	26
27	---	---	0.784B	0.008	0.016	0	0.005	0	0	0.005	---	---	27
28	---	---	0.613B	0.008	0.023	0	0.003	0	0	0.005	---	---	28
29	---		0.476B	0.008	0.012	0	0	0.002	0	0.006	---	---	29
30	---		0.455B	0.008	0.008	0	0	0.002	0	0.006A	---	---	30
31	---		0.475B		0.008		0	0.001		0.008E		---	31
TOTAL	---	---	7.008	2.380	0.375	0.118	0.108	0.084	0.018	0.183	---	---	TOTAL
MEAN	---	---	0.226	0.080	0.012	0.004	0.003	0.002	0.001	0.005	---	---	MEAN
MAX	---	---	1.38	0.373	0.025	0.014	0.008	0.006	0.004	0.009	---	---	MAX
MIN	---	---	0	0.008	0.004	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.042
MAXIMUM DAILY, 1.38B ON MAR 25
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.75B AT 15 47 CST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 55 N
LONG 104 48 05 W
DRAINAGE AREA, 401 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9.18
FEB	---	AUG	5.53
MAR	606	SEP	1.38
APR	206	OCT	13.2
MAY	32.4	NOV	---
JUN	10.2	DEC	---

TOTAL DISCHARGE, 884 dam³

BOUNDARY RESERVOIR NEAR ESTEVAN - STATION NO 05NB012

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	558.902	558.825	558.782	557.786E	559.012	558.867A	558.618A	558.315E	557.849	557.701	557.480	557.319	1
2	558.900	558.825	558.777	557.858E	559.013	558.848A	558.503A	558.301E	557.836A	557.688	557.467	557.313	2
3	558.898	558.825	558.774	557.863E	559.014	558.838A	558.500A	558.287E	557.824E	557.685	557.468	557.308	3
4	558.895	558.828	558.781	558.050E	559.016	558.835	558.488A	558.273E	557.812E	557.673	557.456	557.302	4
5	558.891	558.839	558.785	558.148E	559.015	558.826	558.480	558.258E	557.888E	557.667	557.463	557.298	5
6	558.884	558.831	558.787	558.241A	559.013	558.819	558.476	558.242E	557.866E	557.647	557.450	557.291	6
7	558.883	558.825	558.789	558.299A	559.016	558.801	558.467	558.228E	557.874E	557.644	557.436	557.288	7
8	558.880	558.828	558.788	558.368A	559.012	558.788	558.451	558.214E	557.882A	557.622	557.432	557.287	8
9	558.873	558.824	558.786	558.438	559.008	558.780	558.458	558.200E	557.850	557.613	557.429	557.286	9
10	558.874	558.825	558.781	558.520	558.995	558.787A	558.481	558.188E	557.841	557.607	557.425	557.282	10
11	558.874	558.823	558.786	558.605	558.988	558.780	558.482A	558.178A	557.836	557.598	557.420	557.286	11
12	558.872	558.823	558.800	558.680	558.986A	558.784	558.446A	558.160E	557.833	557.596	557.411	557.281	12
13	558.868	558.818	558.800	558.746	558.982A	558.739	558.441A	558.144A	557.829	557.581	557.407	557.281	13
14	558.851	558.814	558.806	558.803	558.955	558.728A	558.432	558.133	557.821	557.580	557.403	557.280	14
15	558.848	558.810	558.815	558.843	558.948	558.719	558.424	558.126	557.816	557.571	557.393	557.248	15
16	558.843	558.808	558.818	558.878	558.956	558.698	558.410	558.114	557.802	557.581	557.382	557.237	16
17	558.840	558.808	558.818	558.911	558.982	558.678	558.397	558.105	557.800	557.584	557.383	557.228	17
18	558.840	558.808	558.830	558.933	558.986A	558.658	558.395	558.093	557.794	557.546	557.377	557.226	18
19	558.834	558.805	558.840	558.944	558.953A	558.658	558.386	558.081	557.767	557.535	557.384	557.216	19
20	558.837	558.802	558.850	558.982	558.920A	558.645	558.388	558.069	557.763	557.528	557.381	557.210	20
21	558.838	558.795	558.870	558.986	558.926A	558.638	558.377A	558.080	557.778	557.524	557.383A	557.207	21
22	558.830	558.787	558.908	558.982	558.919	558.617A	558.373	558.040	557.777	557.516	557.359A	557.201	22
23	558.831	558.788	558.961	558.982	558.916A	558.609A	558.383	558.032	557.771	557.510	557.355	557.193	23
24	558.828	558.783	557.028	558.010	558.914A	558.583	558.380	558.024	557.758	557.508	557.349	557.187	24
25	558.827	558.788	557.130	558.018	558.905A	558.571A	558.384A	558.015	557.752	557.504	557.348	557.184	25
26	558.827	558.787	557.244	558.018	558.895	558.562	558.344	558.007	557.748	557.485	557.341	557.181	26
27	558.828	558.786	557.348	558.023	558.889A	558.552	558.335A	558.000	557.738	557.488	557.338	557.177	27
28	558.828	558.785	557.443	558.032	558.889	558.543	558.331	557.991	557.729	557.485	557.332	557.173	28
29	558.823		557.533	558.024	558.888A	558.538A	558.328A	557.976	557.724A	557.480	557.328	557.166	29
30	558.828		557.617	558.018	558.888A	558.530A	558.343A	557.968	557.717A	557.484	557.324	557.152	30
31	558.826		557.682		558.878		558.329E	557.958		557.481		557.145	31
MEAN	558.854	558.811	558.841	558.688	558.935	558.699	558.413	558.121	557.818	557.571	557.385	557.236	MEAN
MAX	558.902	558.831	557.682	559.032	559.016	558.867	558.618	558.315	557.849	557.701	557.480	557.319	MAX
MIN	558.823	558.785	556.777	557.786	558.878	558.530	558.328	557.958	557.717	557.481	557.324	557.145	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 557.799
MAXIMUM DAILY, 559.032 ON APR 28
MINIMUM DAILY, 556.777 ON MAR 3
MAXIMUM INSTANTANEOUS,
559.041 AT 17 19 CST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 49 N
LONG 103 01 38 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1958

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1978 ADJ.)
APPLY -000.018 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

BOXELDER CREEK NEAR WALSH - STATION NO. 05AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0028	0.0108	0.488	0.001	0	0	0	0	0	0	---	1
2	---	0.0108	0.0158	0.843	0	0	0	0	0	0	0	---	2
3	---	0.0158	0.0208	0.788	0	0	0	0	0	0	0A	---	3
4	---	0.0208	0.0378	0.503	0	0	0	0	0	0	---	---	4
5	---	0.0308	0.1228	0.539	0.002	0	0	0	0	0	---	---	5
6	0.0068	0.0508	0.1218	0.607	0	0	0	0	0	0	---	---	6
7	---	0.1008	0.2898	0.374	0	0	0	0	0	0	---	---	7
8	---	0.1208	0.3958	0.281	0	0	0	0	0	0	---	---	8
9	---	0.1708	0.1158	0.224	0	0	0	0	0	0	---	---	9
10	---	0.2928	0.1268	0.178	0	0	0	0	0	0	---	---	10
11	---	0.2688	0.0808	0.138	0	0	0	0	0	0	---	---	11
12	---	0.2358	0.0708	0.114	0	0	0	0	0	0	---	---	12
13	---	0.2148	0.0608	0.091	0	0	0	0	0	0	---	---	13
14	---	0.1818	0.0508	0.077	0	0	0	0	0	0	---	---	14
15	---	0.1388	0.0458	0.068	0	0	0	0	0	0	---	---	15
16	---	0.1128	0.0408	0.062	0	0	0	0	0	0	---	---	16
17	---	0.0878	0.0408	0.058	0	0	0	0	0	0	---	---	17
18	---	0.0888	0.0608	0.049	0	0	0	0	0	0	---	---	18
19	---	0.1708	0.0558	0.043	0	0	0	0	0	0	---	---	19
20	---	0.0808	0.0458	0.038	0	0	0	0	0	0	---	---	20
21	---	0.0608	0.0608	0.033	0	0	0	0	0	0	---	---	21
22	---	0.0408	0.0708	0.031	0	0	0	0	0	0	---	---	22
23	---	0.0158	0.0658	0.028	0	0	0	0	0	0	---	---	23
24	---	0.0048	0.0468	0.026	0	0	0	0	0	0	---	---	24
25	---	0.0068	0.1438	0.027	0	0	0	0	0	0	---	---	25
26	---	0.0058	0.0828	0.020	0	0	0	0	0	0	---	---	26
27	0.0068	0.0058	0.2448	0.013	0	0	0	0	0	0	---	---	27
28	0.0108	0.0108	0.3178	0.008	0	0	0	0	0	0	---	---	28
29	0.0038		0.1528	0.006	0	0	0	0	0	0	---	---	29
30	0.0018		0.1338	0.003	0	0	0	0	0	0	---	---	30
31	0.0018		0.1908		0		0	0		0		---	31
TOTAL	---	3.528	3.318	5.740	0.003	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.080	0.107	0.191	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.286	0.396	0.843	0.002	0	0	0	0	0	---	---	MAX
MIN	---	0.002	0.010	0.003	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.042
MAXIMUM DAILY, 0.843 ON APR 2
MINIMUM DAILY, 0 ON MAY 2
MAXIMUM INSTANTANEOUS,
0.852 AT 23 00 MST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 38 N
LONG 109 59 19 W
DRAINAGE AREA, 319 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	218	AUG	0
MAR	287	SEP	0
APR	496	OCT	0
MAY	0.28	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 1 000 dam³

BRIDGE CREEK AT GULL LAKE - STATION NO. 05HA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.0028	0.785	0.027	0	0	0	0	0	---	---	1
2	---	0 B	0.0028	0.538	0.027	0	0	0	0	0	---	---	2
3	---	0 B	0.0198	0.288	0.027	0	0	0	0	0	---	---	3
4	---	0.0038	0.0288	0.202	0.060	0	0	0	0	0	---	---	4
5	---	0.0068	0.0898	0.187	0.189	0	0	0	0	0	---	---	5
6	---	0.0188	0.0878	0.143	0.182	0	0	0	0	0	---	---	6
7	---	0.0508	0.0888	0.151	0.166	0	0	0	0	0	---	---	7
8	---	0.1008	0.0828	0.184	0.115	0	0	0	0	0	---	---	8
9	---	0.3038	0.0668	0.210	0.078	0	0	0	0	0	---	---	9
10	---	0.1138	0.0238	0.220	0.049	0	0	0	0	0	---	---	10
11	---	0.1318	0.0168	0.221	0.027	0	0	0	0	0	---	---	11
12	---	0.0818	0.0148	0.204	0.021	0	0	0	0	0	---	---	12
13	---	0.1708	0.0158	0.183	0.017	0	0	0	0	0	---	---	13
14	---	0.0828	0.0158	0.180	0.014	0	0	0	0	0	---	---	14
15	---	0.0798	0.0188	0.162	0.012	0	0	0	0	0	---	---	15
16	---	0.0638	0.0208	0.178	0.010	0	0	0	0	0	---	---	16
17	---	0.0388	0.0228	0.165	0.008	0	0	0	0	0	---	---	17
18	---	0.0288	0.0218	0.137	0.006	0	0	0	0	0	---	---	18
19	---	0.0228	0.0258	0.148	0.005	0	0	0	0	0	---	---	19
20	---	0.0218	0.0368	0.130	0.003	0	0	0	0	0	---	---	20
21	---	0.0218	0.0438	0.107	0.002	0	0	0	0	0	---	---	21
22	---	0.0178	0.0418	0.098	0.002	0	0	0	0	0	---	---	22
23	---	0.0138	0.0408	0.081	0	0	0	0	0	0	---	---	23
24	---	0.0088	0.0368	0.073	0	0	0	0	0	0	---	---	24
25	---	0.0078	0.0358	0.087	0	0	0	0	0	0	---	---	25
26	---	0.0068	0.0468	0.057	0	0	0	0	0	0	---	---	26
27	---	0.0048	0.0808	0.068	0.001	0	0	0	0	0	---	---	27
28	---	0.0028	0.0758	0.040	0.002	0	0	0	0	0	---	---	28
29	---		0.1488	0.031	0.002	0	0	0	0	0	---	---	29
30	---		0.138	0.027	0.001	0	0	0	0	0	---	---	30
31	---		0.143		0		0	0		0		---	31
TOTAL	---	1.388	1.488	5.230	1.043	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.049	0.048	0.174	0.034	0	0	0	0	0	---	---	MEAN
MAX	---	0.303	0.148	0.765	0.182	0	0	0	0	0	---	---	MAX
MIN	---	0	0.002	0.027	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.033
MAXIMUM DAILY, 0.765 ON APR 1
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.848 AT 06 38 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 35 N
LONG 108 28 38 W
DRAINAGE AREA 379 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	118	AUG	0
MAR	138	SEP	0
APR	452	OCT	0
MAY	90.1	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 788 dam³

BRIGHTSAND LAKE NEAR ST WALBURG - STATION NO 05EC010

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	883.247	883.226	883.226	883.210	883.177	883.104	---	---	1
2	---	---	---	---	883.247	---	883.236	883.202	---	883.100	---	---	2
3	---	---	---	---	883.248	883.230	---	883.197	883.176	883.097	---	---	3
4	---	---	---	---	---	883.245	883.231	883.195	---	883.086	---	---	4
5	---	---	---	---	---	883.245	883.230	---	883.176	883.077	---	---	5
6	---	---	---	---	---	---	---	883.192	---	883.077	---	---	6
7	---	---	---	---	---	883.245	883.234	---	883.172	---	---	---	7
8	---	---	---	---	---	---	---	883.177	883.173	883.074	---	---	8
9	---	---	---	---	---	883.245	883.232	---	---	---	---	---	9
10	---	---	---	---	---	---	---	883.184	883.176	883.087	---	---	10
11	---	---	---	---	---	883.275	883.233	---	---	883.085	---	---	11
12	---	---	---	---	---	---	883.231	883.185	883.174	883.081	---	---	12
13	---	---	---	---	---	---	883.228	---	---	883.048	---	---	13
14	---	---	---	---	883.255	---	883.227	883.186	883.173	---	---	---	14
15	---	---	---	---	---	883.225	883.226	883.187	---	---	---	---	15
16	---	---	---	---	883.258	---	883.223	---	883.175	883.048	---	---	16
17	---	---	---	---	883.258	---	---	883.182	---	---	---	---	17
18	---	---	---	---	---	883.230	883.219	883.178	883.178	883.043	---	---	18
19	---	---	---	---	883.233	---	---	---	---	---	---	---	19
20	---	---	---	---	---	883.230	883.216	883.178	883.177	---	---	---	20
21	---	---	---	---	883.233	---	883.211	883.176	---	883.042	---	---	21
22	---	---	---	---	---	883.226	883.210	---	883.174	---	---	---	22
23	---	---	---	---	883.231	---	---	883.176	883.185	883.040	---	---	23
24	---	---	---	---	---	883.225	883.215	---	883.186	---	---	---	24
25	---	---	---	---	883.225	---	---	883.177	883.148	---	---	---	25
26	---	---	---	---	883.225	---	883.213	---	883.142	---	---	---	26
27	---	---	---	---	883.225	883.224	---	883.177	883.127	---	---	---	27
28	---	---	---	---	---	---	883.213	---	883.115	---	---	---	28
29	---		---	---	---	883.225	883.212	883.177	883.107	---	---	---	29
30	---		---	883.235	883.226	883.225	---	---	883.106	---	---	---	30
31	---		---		---		883.212	883.177		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 883.275 ON JUN 11

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 36 38 N
LONG 108 50 48 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRIGHTWATER CREEK NEAR KENASTON - STATION NO 05HG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	4.04 B	0.006	0	0	0	0	0	---	---	1
2	---	---	0 B	2.77 B	0.006	0	0	0	0	0	---	---	2
3	---	---	0 B	2.18 B	0.005	0	0	0	0	0	---	---	3
4	---	---	0 B	1.58	0.003	0	0	0	0	0	---	---	4
5	---	---	0	0.842	0.001	0	0	0	0	0	---	---	5
6	---	---	0	0.527	0.001	0	0	0	0	0	---	---	6
7	---	---	1.30 B	0.326	0	0	0	0	0	0	---	---	7
8	---	---	1.13 B	0.236	0	0	0	0	0	0	---	---	8
9	---	---	0.4858	0.178	0	0	0	0	0	0	---	---	9
10	---	---	0.3048	0.164	0	0	0	0	0	0	---	---	10
11	---	---	0.2568	0.1568	0	0	0	0	0	0	---	---	11
12	---	---	0.2158	0.1248	0	0	0	0	0	0	---	---	12
13	---	---	0.1778	0.111	0	0	0	0	0	0	---	---	13
14	---	---	0.1458	0.089	0	0	0	0	0	0	---	---	14
15	---	---	0.1178	0.089	0	0	0	0	0	0	---	---	15
16	---	---	0.0918	0.077	0	0	0	0	0	0	---	---	16
17	---	---	0.0778	0.066	0	0	0	0	0	0	---	---	17
18	---	---	0.1048	0.087	0	0	0	0	0	0	---	---	18
19	---	---	0.1128	0.066	0	0	0	0	0	0	---	---	19
20	---	---	0.1188	0.066	0	0	0	0	0	0	---	---	20
21	---	---	0.1868	0.087	0	0	0	0	0	0	---	---	21
22	---	---	0.3478	0.045	0	0	0	0	0	0	---	---	22
23	---	---	0.6448	0.036	0	0	0	0	0	0	---	---	23
24	---	---	1.10 B	0.036	0	0	0	0	0	0	---	---	24
25	---	---	1.08 B	0.040	0	0	0	0	0	0	---	---	25
26	---	---	1.64 B	0.028	0	0	0	0	0	0	---	---	26
27	---	---	2.22 B	0.021	0	0	0	0	0	0	---	---	27
28	---	---	1.03 B	0.016	0	0	0	0	0	0	---	---	28
29	---		1.24 B	0.009	0	0	0	0	0	0	---	---	29
30	---		1.51 B	0.005	0	0	0	0	0	0	---	---	30
31	---		2.85 B		0		0	0		0		---	31
TOTAL	---	---	18.672	14.152	0.022	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.602	0.472	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	2.85	4.04	0.006	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.005	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.134
MAXIMUM DAILY, 4.048 ON APR 1
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
4.888 AT 06 57 CST ON APR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 45 N
LONG 108 30 03 W
DRAINAGE AREA, 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 610	SEP	0
APR	1 220	OCT	0
MAY	1.90	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 830 dam³

BRIGHTWATER CREEK NEAR PROCTOR LAKE - STATION NO 05MG020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.6348	0.013	---	---	---	---	---	---	---	1
2	---	---	0 B	3.56 B	0.031	---	---	---	---	---	---	---	2
3	---	---	0 B	5.21 B	0.028	---	---	---	---	---	---	---	3
4	---	---	0 B	4.57 B	0.022	---	---	---	---	---	---	---	4
5	---	---	0 B	4.08	0.006	---	---	---	---	---	---	---	5
6	---	---	0 B	3.92	0	---	---	---	---	---	---	---	6
7	---	---	0 B	3.81	0	---	---	---	---	---	---	---	7
8	---	---	0 B	3.74	0	---	---	---	---	---	---	---	8
9	---	---	0 B	3.68	0	---	---	---	---	---	---	---	9
10	---	---	0 B	3.63	0	---	---	---	---	---	---	---	10
11	---	---	0 B	3.57	0	---	---	---	---	---	---	---	11
12	---	---	0 B	3.52	0	---	---	---	---	---	---	---	12
13	---	---	0 B	3.47	0	---	---	---	---	---	---	---	13
14	---	---	0 B	3.41	0	---	---	---	---	---	---	---	14
15	---	---	0 B	3.38	0	---	---	---	---	---	---	---	15
16	---	---	0 B	3.32	0	---	---	---	---	---	---	---	16
17	---	---	0 B	3.13	0	---	---	---	---	---	---	---	17
18	---	---	0 B	1.85	0	---	---	---	---	---	---	---	18
19	---	---	0 B	1.55	0	---	---	---	---	---	---	---	19
20	---	---	0 B	1.17	0	---	---	---	---	---	---	---	20
21	---	---	0 B	0.023	0	---	---	---	---	---	---	---	21
22	---	---	0.0288	0.014	0	---	---	---	---	---	---	---	22
23	---	---	0.1448	0.010	0	---	---	---	---	---	---	---	23
24	---	---	0.1588	0.010	0	---	---	---	---	---	---	---	24
25	---	---	0.1438	0.019	0	---	---	---	---	---	---	---	25
26	---	---	0.1518	0.024	0	---	---	---	---	---	---	---	26
27	---	---	0.3118	0.022	0	---	---	---	---	---	---	---	27
28	---	---	0.4048	0.011	0	---	---	---	---	---	---	---	28
29	---		0.2628	0.011	0	---	---	---	---	---	---	---	29
30	---		0.1718	0.011	0	---	---	---	---	---	---	---	30
31	---		0.1588		0		---	---		---		---	31
TOTAL	---	---	1.887	84.259	0.100	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	0.084	2.14	0.003	---	---	---	---	---	---	---	MEAN
MAX	---	---	0.404	5.21	0.031	---	---	---	---	---	---	---	MAX
MIN	---	---	0	0.010	0	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.210 ON APR 3
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.890 AT 05 30 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 48 N
LONG 106 35 36 W
DRAINAGE AREA, 1 750 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	172	SEP	---
APR	5 550	OCT	---
MAY	8.64	NOV	---
JUN	---	DEC	---

REMARKS - STATION DISCONTINUED MAY 28 1987

BRIGHTWATER RESERVOIR AT RIPARIAN OUTLET - STATION NO. 05MG005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	945.581	945.782	945.037	945.295	945.337E	945.186	945.498	945.297	---	---	1
2	---	---	945.582	945.781	944.975	945.291	945.332A	945.141	945.512	945.303	---	---	2
3	---	---	945.585	945.787	944.904	945.288E	945.324A	945.127	945.491	945.302	---	---	3
4	---	---	945.591	945.781	944.852	945.278E	945.308E	945.107	945.481	945.295	---	---	4
5	---	---	945.636	945.783	944.881	945.285E	945.289E	945.083	945.473	945.297	---	---	5
6	---	---	945.718	945.781	944.918	945.263E	945.272A	945.089	945.455	945.295	---	---	6
7	---	---	945.804	945.736	944.949	945.241E	945.258A	945.093	945.431	945.294	---	---	7
8	---	---	945.845	945.858	945.011	945.229E	945.258A	945.089	945.418	945.279	---	---	8
9	---	---	945.854	945.870	945.102	945.215A	945.240A	945.095	945.403	945.278	---	---	9
10	---	---	945.906	945.880	945.184	945.189	945.242	945.113	945.402	945.280	---	---	10
11	---	---	945.932	945.395	945.271	945.178	945.244	945.115	945.395	945.283	---	---	11
12	---	---	945.955	945.303	945.312	945.178	945.232	945.125	945.384	945.286	---	---	12
13	---	---	945.971	945.309A	945.336	945.183	945.201	945.139	945.377	945.276	---	---	13
14	---	---	945.985	945.121E	945.329	945.188	945.171	945.149	945.365	945.274	---	---	14
15	---	---	945.992	945.054E	945.312	945.143	945.124	945.173	945.360	945.270	---	---	15
16	---	---	945.988	945.991E	945.305	945.138	945.108	945.181	945.325	945.271	---	---	16
17	---	---	945.923	945.929E	945.285	945.110	945.135	945.192	945.311	945.287	---	---	17
18	---	---	945.831	945.887E	945.270	945.094A	945.138	945.222	945.300	945.280	---	---	18
19	---	---	945.848	945.805E	945.284	945.104A	945.183	945.248	945.290	945.284	---	---	19
20	---	---	945.889	945.743E	945.280	945.142E	945.182	945.274	945.271	945.280	---	---	20
21	---	---	945.870	945.680E	945.244	945.180E	945.202	945.285	945.254	945.290	---	---	21
22	---	---	945.801	945.617E	945.244	945.218A	945.221	945.304	945.234	945.294	---	---	22
23	---	---	945.738	945.555E	945.285	945.252A	945.247	945.321	945.214	945.294	---	---	23
24	---	---	945.678	945.492E	945.288	945.274A	945.282	945.333	945.193	945.282	---	---	24
25	---	945.589A	945.623E	945.430E	945.291	945.288A	945.302	945.353	945.178	945.258	---	---	25
26	---	945.563	945.308E	945.387E	945.256	945.304A	945.308	945.377	945.178	945.294A	---	---	26
27	---	945.585	945.385E	945.300A	945.243	945.308E	945.301	945.400	945.172	945.253E	---	---	27
28	---	945.583	945.462E	945.227	945.246	945.312E	945.284	945.419	945.177	945.252E	---	---	28
29	---		945.540E	945.174	945.283	945.318A	945.253	945.431	945.208	945.251E	---	---	29
30	---		945.517E	945.088	945.280	945.342A	945.232	945.454	945.283	945.250E	---	---	30
31	---		945.708E		945.286		945.196	945.475		945.249E		---	31
MEAN	---	---	945.828	945.048	945.182	945.225	945.237	945.328	945.333	945.272	---	---	MEAN
MAX	---	---	945.708	945.781	945.329	945.342	945.337	945.475	945.512	945.303	---	---	MAX
MIN	---	---	945.581	945.088	944.852	945.094	945.108	945.083	945.172	945.249	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 945.781 ON APR 2
MINIMUM DAILY, 944.852 ON MAY 4
MAXIMUM INSTANTANEOUS,
945.804 AT 10 00 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 47 N
LONG 106 33 08 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1987

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

BRODERICK IRRIGATION PROJECT MAIN CANAL BELOW PUMPING STATION - STATION NO 05HP007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	5.84	14.2	5.23	5.84	0	---	---	1
2	---	---	0	0	0	5.40	14.2	5.53	5.84	0	---	---	2
3	---	---	0	0	0	5.40	14.2	5.53	5.84	0	---	---	3
4	---	---	0	0	0	5.40	14.2	5.53	3.05	0	---	---	4
5	---	---	0	0	0	5.40	14.2	5.53	0	0	---	---	5
6	---	---	0	0	3.73	5.41	14.2	5.53	0	0	---	---	6
7	---	---	0	0	5.28	5.41	14.2	5.53	1.41	0	---	---	7
8	---	---	0	0	5.28	5.41	14.2	5.53	0	0	---	---	8
9	---	---	0	0	5.27	8.86	14.2	5.53	0 E40	0	---	---	9
10	---	---	0	0	5.27	9.78	14.2	5.53	0	0	---	---	10
11	---	---	0	0	5.27	9.78	14.2	5.53	0 E40	0	---	---	11
12	---	---	0	0	5.27	9.78	14.2	5.53	0	0	---	---	12
13	---	---	0	0	5.28	9.78	14.2	5.53	0	0	---	---	13
14	---	---	0	0	5.28	9.78	14.2	1.88	0	0	---	---	14
15	---	---	0	0	5.30	9.84	14.2	0	3.88	0	---	---	15
16	---	---	0	0	5.30	9.78	14.2	0	5.85	0	---	---	16
17	---	---	0	0	5.30	13.0	14.2	0	5.67	0	---	---	17
18	---	---	0	0	5.31	14.1	14.2	0	3.90	0	---	---	18
19	---	---	0	0	5.31	14.1	14.2	0	0	0	---	---	19
20	---	---	0	0	5.57	14.1	10.4	0	0 E57	0	---	---	20
21	---	---	0	0	5.57	14.1	5.83	0	4.04	0	---	---	21
22	---	---	0	0	5.57	14.1	5.83	2.08	5.70	0	---	---	22
23	---	---	0	0	5.58	14.1	5.83	0	5.70	0	---	---	23
24	---	---	0	0	5.58	14.1	5.71	0	5.70	0	---	---	24
25	---	---	0	0	5.70	14.1	4.43	1.17	5.70	0	---	---	25
26	---	---	0	0	5.70	7.55	4.43	1.17	5.68	0	---	---	26
27	---	---	0	0	5.71	12.3	4.43	0	5.68	0	---	---	27
28	---	---	0	0	5.71	14.1	4.43	0	5.68	0	---	---	28
29	---		0	0	5.74	14.1	4.43	0	5.68	0	---	---	29
30	---	6	0	0	5.77	14.1	4.43	1.83	3.85	0	---	---	30
31	---		0		5.78		4.43	3.86		0		---	31
TOTAL	---	---	0	0	187.78	309.72	343.41	83.58	88.947	0	---	---	TOTAL
MEAN	---	---	0	0	6.06	10.3	11.1	2.70	3.20	0	---	---	MEAN
MAX	---	---	0	0	5.78	14.1	14.2	5.53	5.70	0	---	---	MAX
MIN	---	---	0	0	0	5.40	4.43	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 4.17
MAXIMUM DAILY, 14.2 ON JUL 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 07 N
LONG 106 50 10 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	29 700
FEB	---	AUG	7 230
MAR	0	SEP	8 280
APR	0	OCT	0
MAY	18 200	NOV	---
JUN	28 600	DEC	---

TOTAL DISCHARGE, 88 200 dam³

BRODERICK RESERVOIR AT WEST EMBANKMENT - STATION NO 05HP017

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	583.097	583.161	583.118	583.417	582.616	583.221	582.584A	583.013	---	---	1
2	---	---	583.086	583.167	583.108	583.440	582.532	583.187	---	583.000	---	---	2
3	---	---	583.087	583.174	583.104	583.451	582.486	583.140	---	583.007	---	---	3
4	---	---	583.100	583.182	583.088	583.469	582.417	583.111	---	583.010	---	---	4
5	---	---	583.106	583.185	583.034	583.493	582.382	583.072	---	583.009	---	---	5
6	---	---	583.117	583.187	582.998	583.483	582.374	583.048	---	583.020	---	---	6
7	---	---	583.122	583.187	583.028	583.483	582.383	583.060	---	583.023	---	---	7
8	---	---	583.118	583.187	583.062	583.480	582.333	583.038	---	583.019	---	---	8
9	---	---	583.118	583.186	583.078	583.478	582.311	583.062	---	583.015	---	---	9
10	---	---	583.121	583.183	583.088	583.522	582.301	583.081	---	583.014	---	---	10
11	---	---	583.121	583.178	583.110	583.557	582.334	583.080	---	583.014	---	---	11
12	---	---	583.122	583.160	583.123	583.551	582.385	583.070	---	583.015	---	---	12
13	---	---	583.124	583.161	583.123	583.622	582.468	583.088	---	583.008	---	---	13
14	---	---	583.125	583.178	583.106	583.639	582.567	583.118	---	583.005	---	---	14
15	---	---	583.129	583.180	583.088	583.648	582.619	583.088	---	583.003	---	---	15
16	---	---	583.129	583.180	583.081	583.606	582.709	583.033	---	582.998	---	---	16
17	---	---	583.130	583.183	583.017	583.538	582.708	582.988	---	582.986	---	---	17
18	---	---	583.130	583.183	582.974	583.513	582.895	582.944	---	582.980	---	---	18
19	---	---	583.133	583.184	582.921	583.485	583.021	582.905	---	582.987	---	---	19
20	---	---	583.135	583.184	582.876	583.480	583.152	582.870	---	582.982	---	---	20
21	---	---	583.136	583.182	582.909	583.447	583.221	582.832	---	582.980	---	---	21
22	---	---	583.138	583.185	582.948	583.416	583.292	582.787	---	582.981	---	---	22
23	---	---	583.137	583.181	582.980	583.382	583.383	582.764	---	582.978	---	---	23
24	---	---	583.138	583.186	583.008	583.343	583.437	582.738	---	582.971	---	---	24
25	---	583.108A	583.139	583.187	583.035	583.299	583.460	582.706	---	582.975	---	---	25
26	---	583.103	583.143	583.184	583.058	583.218	583.464	582.674	---	582.975	---	---	26
27	---	583.098	583.141	583.178	583.085	583.023	583.482	582.643	---	582.970A	---	---	27
28	---	583.098	583.146	583.183	583.118	582.944	583.437	582.613	---	582.970E	---	---	28
29	---		583.148	583.186	583.172	582.881	583.418	582.582	583.014A	582.970E	---	---	29
30	---		583.158	583.142	583.253	582.738	583.371	582.548	583.038	582.970E	---	---	30
31	---		583.158		583.340		583.303	582.533		582.970E		---	31
MEAN	---	---	583.127	583.180	583.085	583.400	582.646	582.921	---	582.998	---	---	MEAN
MAX	---	---	583.158	583.187	583.340	583.648	583.464	583.221	---	583.023	---	---	MAX
MIN	---	---	583.095	583.142	582.876	582.738	582.301	582.533	---	582.970	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 583.648 ON JUN 15
MINIMUM DAILY, 582.301 ON JUL 10
MAXIMUM INSTANTANEOUS,
583.662 AT 09:21 CST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 27 55 N
LONG 106 55 18 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1986

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BROKENSHELL CREEK NEAR TROSSACHS - STATION NO. 05JE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 .8	4.88 B	0	0	0	0	0	0	---	---	1
2	---	---	0 .8	3.76 B	0	0	0	0	0	0	---	---	2
3	---	---	0 .8	1.16	0	0	0	0	0	0	---	---	3
4	---	---	0.0505	0.629	0	0	0	0	0	0	---	---	4
5	---	---	0.1368	0.339	0	0	0	0	0	0	---	---	5
6	---	---	0.2128	0.180	0	0	0	0	0	0	---	---	6
7	---	---	0.1138	0.170	0	0	0	0	0	0	---	---	7
8	---	---	0.0878	0.102	0	0	0	0	0	0	---	---	8
9	---	---	0.0708	0.081	0	0	0	0	0	0	---	---	9
10	---	---	0.0578	0.026	0	0	0	0	0	0	---	---	10
11	---	---	0.0488	0.022	0	0	0	0	0	0	---	---	11
12	---	---	0.0408	0.024	0	0	0	0	0	0	---	---	12
13	---	---	0.0348	0.018	0	0	0	0	0	0	---	---	13
14	---	---	0.0308	0.009	0	0	0	0	0	0	---	---	14
15	---	---	0.0268	0.010	0	0	0	0	0	0	---	---	15
16	---	---	0.0238	0.007	0	0	0	0	0	0	---	---	16
17	---	---	0.0208	0.007	0	0	0	0	0	0	---	---	17
18	---	---	0.0188	0.008	0	0	0	0	0	0	---	---	18
19	---	---	0.0138	0.008	0	0	0	0	0	0	---	---	19
20	---	---	0.0108	0.004	0	0	0	0	0	0	---	---	20
21	---	---	0.0308	0.002	0	0	0	0	0	0	---	---	21
22	---	---	0.4858	0.001	0	0	0	0	0	0	---	---	22
23	---	---	1.11 B	0	0	0	0	0	0	0	---	---	23
24	---	---	1.15 B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.8188	0	0	0	0	0	0	0	---	---	25
26	---	---	0.9498	0	0	0	0	0	0	0	---	---	26
27	---	---	3.44 B	0	0	0	0	0	0	0	---	---	27
28	---	---	1.72 B	0	0	0	0	0	0	0	---	---	28
29	---		0.5278	0	0	0	0	0	0	0	---	---	29
30	---		0.3898	0	0	0	0	0	0	0	---	---	30
31	---		1.88 B		0		0	0		0		---	31
TOTAL	---	---	13.210	10.199	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.426	0.340	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	3.44	4.88	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.086
MAXIMUM DAILY 4.88B ON APR 1
MINIMUM DAILY 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS
5.58B AT 12 54 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 104 13 07 W
DRAINAGE AREA 153 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 140	SEP	0
APR	881	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 2 020 dam³

BUFFALO POUND LAKE AT PUMPING STATION - STATION NO. 05JE005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	505.277	505.288E	505.288E	505.518A	505.358	505.351	505.427	505.505	505.353	505.337	505.327	505.312	1
2	505.276	505.290E	505.288E	505.531	505.347	505.391	505.511	505.347	505.289	505.332	505.313	505.313	2
3	505.277	505.298E	505.290A	505.548A	505.388	505.321	505.378	505.494	505.393	505.305	505.343	505.308	3
4	505.277	505.281E	505.298E	505.581	505.376	505.302	505.418	505.473	505.388	505.405	505.350	505.308	4
5	505.276	505.262E	505.311E	505.590	505.387A	505.294	505.420	505.495	505.347	505.326	505.332	505.310	5
6	505.276	505.263E	505.324E	505.591	505.384	505.325	505.428	505.474	505.374	505.313	505.328	505.308	6
7	505.272	505.264E	505.338A	505.584	505.378	505.335	505.452	505.485	505.382	505.287	505.358	505.308	7
8	505.272	505.267A	505.350E	505.593	505.381	505.293	505.423	505.474	505.341	505.358	505.339	505.307	8
9	505.270	505.270	505.360E	505.628	505.384	505.268	505.443	505.447	505.331A	505.288	505.317	505.308	9
10	505.268	505.273	505.371E	505.595	505.380	505.290	505.458	505.439	505.353A	505.285	505.338	505.309	10
11	505.269	505.275	505.381A	505.534	505.383	505.330	505.452	505.474	505.350	505.284	505.340	505.309	11
12	505.266	505.277	505.384	505.585	505.387	505.323	505.451	505.424	505.341A	505.282	505.343	505.307	12
13	505.268	505.280	505.387	505.543	505.391	505.328	505.448	505.417	505.329A	505.338	505.338A	505.308	13
14	505.268	505.278	505.388	505.530A	505.332	505.288	505.441	505.391	505.350	505.277	505.342	505.304	14
15	505.263	505.281	505.404	505.525	505.341	505.268	505.433	505.414	505.338	505.284	505.374A	505.300	15
16	505.261	505.281	505.403	505.514A	505.330	505.293	505.458	505.404	505.345	505.302	505.340	505.295	16
17	505.260	505.282	505.402	505.506	505.300	505.330	505.449	505.411	505.349	505.337A	505.338	505.297	17
18	505.262	505.284A	505.403	505.475	505.297	505.312	505.448	505.411	505.338	505.320E	505.340	505.294	18
19	505.259	505.284E	505.410	505.514	505.330	505.308	505.451	505.397	505.334	505.290E	505.335	505.292	19
20	505.260	505.285E	505.414	505.481	505.322	505.313	505.452	505.387	505.324	505.292E	505.319	505.286	20
21	505.261	505.287E	505.423	505.448A	505.288	505.343	505.452	505.428	505.334	505.293E	505.323	505.293	21
22	505.258	505.288E	505.431	505.475	505.295	505.348	505.450	505.390	505.336	505.295E	505.324	505.292	22
23	505.259	505.288E	505.438	505.448	505.238	505.352	505.458	505.376	505.329	505.297E	505.321	505.288	23
24	505.257	505.291A	505.444	505.425	505.288	505.383	505.458	505.373	505.326	505.300E	505.320	505.285	24
25	505.258	505.294	505.450	505.438	505.238	505.382	505.459	505.379	505.320	505.302E	505.318	505.285	25
26	505.258	505.291	505.456	505.458	505.282	505.384	505.472	505.373	505.303	505.302E	505.318	505.286	26
27	505.258	505.288	505.466	505.405	505.278	505.387	505.466	505.384	505.350	505.303E	505.318	505.284	27
28	505.256A	505.284A	505.470	505.413A	505.300	505.382	505.468	505.384	505.338	505.304E	505.318	505.283	28
29	505.258E		505.480	505.348	505.307	505.383	505.466	505.391	505.331	505.321A	505.315	505.281	29
30	505.259E		505.492	505.388	505.305	505.377	505.461	505.388	505.328	505.305	505.312	505.280	30
31	505.259E		505.504		505.315		505.459	505.370		505.317		505.278	31
MEAN	505.265	505.277	505.395	505.505	505.328	505.332	505.454	505.422	505.342	505.308	505.332	505.298	MEAN
MAX	505.276	505.294	505.504	505.628	505.391	505.391	505.499	505.511	505.393	505.405	505.374	505.313	MAX
MIN	505.256	505.259	505.288	505.348	505.238	505.288	505.378	505.384	505.303	505.287	505.312	505.278	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 505.355
MAXIMUM DAILY 505.639 ON APR 9
MINIMUM DAILY 505.238 ON MAY 25
MAXIMUM INSTANTANEOUS
505.732 AT 15 37 CST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 105 23 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA
3 310 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

BURNTOUT BROOK NEAR ARBORFIELD - STATION NO 05KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 0018	0 287	0	0	0	0	0 012	---	---	1
2	---	---	0 B	0 0018	0 158	0	0	0	0	0 412	---	---	2
3	---	---	0 B	0 0018	0 040	0	0	0	0	0 213	---	---	3
4	---	---	0 B	0 1008	0 182	0	0	0	0	0 001	---	---	4
5	---	---	0 B	0 8548	0 080	0	0	0	0	0 038	---	---	5
6	---	---	0 B	3 08 E	0 188	0	0	0	0	0 031	---	---	6
7	---	---	0 B	3 59	0 126	0	0	0	0	0 015	---	---	7
8	---	---	0 B	3 18	0 117	0	0	0	0	0 018	---	---	8
9	---	---	0 B	1 72	0 105	0	0	0	0	0 007	---	---	9
10	---	---	0 B	2 69	0 051	0	0	0	0	0	---	---	10
11	---	---	0 B	2 33	0 040	0	0	0	0	0	---	---	11
12	---	---	0 B	1 82	0 024	0	0	0	0	0	---	---	12
13	---	---	0 B	1 73	0 008	0	0	0	0	0	---	---	13
14	---	---	0 B	1 60	0 007	0	0	0	0	0	---	---	14
15	---	---	0 B	1 48	0 007	0	0	0	0	0	---	---	15
16	---	---	0 B	1 38	0 007	0	0	0	0	0	---	---	16
17	---	---	0 B	1 22	0	0	0	0	0	0	---	---	17
18	---	---	0 B	1 01	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0 869	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0 756	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0 698	0	0	0	0	0	0	---	---	21
22	---	---	0 0065	0 616	0	0	0	0	0	0	---	---	22
23	---	---	0 0108	0 596	0	0	0	0	0	0	---	---	23
24	---	---	0 0018	0 515	0	0	0	0	0	0 006	---	---	24
25	---	---	0 0018	0 451	0	0	0	0	0	0 152	---	---	25
26	---	---	0 0018	0 385	0	0	0	0	0	0 080	---	---	26
27	---	---	0 0018	0 354	0	0	0	0	0	0 076	---	---	27
28	---	---	0 0018	0 370	0	0	0	0	0	0 073	---	---	28
29	---		0 0018	0 319	0	0	0	0	0	0 042A	---	---	29
30	---		0 0018	0 300	0	0	0	0	0	0 040E	---	---	30
31	---		0 0018		0		0	0		0 040E		---	31
TOTAL	---	---	0 023	32 656	1 383	0	0	0	0	1 257	---	---	TOTAL
MEAN	---	---	0 001	1 09	0 044	0	0	0	0	0 041	---	---	MEAN
MAX	---	---	0 010	3 59	0 287	0	0	0	0	0 412	---	---	MAX
MIN	---	---	0	0 001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 146
MAXIMUM DAILY, 3 59 ON APR 7
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
4 80 AT 07 21 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 15 N
LONG 103 40 45 W
DRAINAGE AREA, 305 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 99	SEP	0
APR 2 820		OCT	108
MAY	118	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 3 050 dam³

CANDLE LAKE AT CANDLE LAKE - STATION NO 05KE006

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	494 293E	494 302	494 398	494 437	494 383	494 438	494 388	494 277	494 252	---	1
2	---	---	494 293E	494 302	494 408	494 433	494 390	494 433	494 348	494 314	494 251	---	2
3	---	---	494 293E	494 307	494 418	494 421	494 388	494 427	494 352	494 317	494 249	---	3
4	---	---	494 293A	494 308	494 430	494 419	494 390	494 424	494 352	494 295	494 238A	---	4
5	---	---	494 294	494 308	494 417	494 414	494 393A	494 417	494 365	494 300	494 230A	---	5
6	---	---	494 294	494 309	494 423	494 408	494 391	494 416	494 343	494 276	494 257	---	6
7	---	---	494 298A	494 312	494 429	494 412	494 389	494 410	494 338	494 255	494 248A	---	7
8	---	---	494 299E	494 314	494 406	494 416	494 401	494 402	494 342	494 246	494 259A	---	8
9	---	---	494 301E	494 319	494 420	494 413	494 398	494 400	494 394	494 267A	494 251A	---	9
10	---	---	494 303E	494 325	494 410	494 412	494 391	494 394	494 350	494 267A	---	---	10
11	---	---	494 304E	494 329	494 424	494 426	494 401	494 398	494 365	494 291	---	---	11
12	---	---	494 306E	494 332	494 422	494 428	494 403	494 396	494 348	494 285	---	---	12
13	---	---	494 309E	494 336	494 437	494 421	494 400	494 399	494 345	494 249	---	---	13
14	---	---	494 308E	494 336	494 439	494 416	494 397	494 395	494 321	494 277	---	---	14
15	---	---	494 309A	494 341	494 440	494 408	494 402	494 393	494 323	494 268	---	---	15
16	---	---	494 312	494 345	494 439	494 410	494 405	494 396	494 344	494 274	---	---	16
17	---	---	494 313	494 393	494 442	494 410	494 410	494 393	494 332	494 259	---	---	17
18	---	---	494 311	494 353	494 436	494 411	494 399	494 392	494 342	494 233	---	---	18
19	---	---	494 313	494 395	494 441	494 412	494 406	494 394	494 340	494 215	---	---	19
20	---	---	494 314	494 398	494 438	494 404	494 412	494 399	494 338	494 281A	---	---	20
21	---	---	494 313	494 383	494 438	494 408	494 423	494 395	494 341	494 281	---	---	21
22	---	---	494 313	494 398	494 434	494 410	494 423	494 410	494 337	494 268	---	---	22
23	---	---	494 313	494 397	494 438	494 408	494 421	494 415	494 313	494 248	---	---	23
24	---	---	494 312	494 371	494 438	494 398	494 438	494 415	494 337	494 261A	---	---	24
25	---	---	494 311	494 378	494 438	494 381	494 428	494 414	494 339	494 268	---	---	25
26	---	---	494 311	494 385	494 443	494 388	494 422	494 412	494 338	494 237	---	---	26
27	---	---	494 304E	494 388	494 443	494 381	494 431	494 407	494 302	494 287	---	---	27
28	---	---	494 299A	494 392	494 448	494 373	494 431	494 404	494 329	494 284	---	---	28
29	---		494 301A	494 393	494 452	494 377	494 431	494 397	494 332	494 241	---	---	29
30	---		494 303	494 398	494 448	494 373	494 441	494 400	494 313	494 281	---	---	30
31	---		494 304		494 444		494 448	494 395		494 225		---	31
MEAN	---	---	494 305	494 345	494 431	494 407	494 409	494 405	494 339	494 268	---	---	MEAN
MAX	---	---	494 314	494 398	494 452	494 437	494 448	494 438	494 368	494 317	---	---	MAX
MIN	---	---	494 293	494 302	494 398	494 373	494 383	494 385	494 302	494 215	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 494.452 ON MAY 28

MAXIMUM INSTANTANEOUS,
494.498 AT 18 43 CST ON MAY 13

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL WAS A RESULT OF WIND SET-UP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 10 N
LONG 105 18 14 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
1 890 km²

CANOE RIVER NEAR BEAUVAL - STATION NO. 07EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.358	9.108	9.228	9.038	36.6	21.5	9.07	4.82	4.50	5.93	7.828	5.808	1
2	8.248	9.118	9.178	9.098	36.6	21.6	9.18	4.84	4.52	6.01	8.008	5.768	2
3	8.238	9.198	9.028	9.198	36.6	20.8	8.90	4.61	4.58	6.03	7.978	5.758	3
4	8.278	9.278	9.008	9.438	36.0	20.2	8.62	4.53	4.65	6.05	7.898	5.738	4
5	8.498	9.368	9.078	10.4 B	35.6	19.5	7.90	4.34	4.67	6.36	7.578	5.728	5
6	8.658	9.518	9.118	11.5 B	35.1	18.6	7.25	4.21	4.64	6.45	7.448	5.708	6
7	8.678	9.678	9.028	13.6 B	34.9	18.2	6.84	4.09	4.71	6.59	7.238	5.688	7
8	8.718	9.998	8.968	15.6 B	33.6	18.0	6.64	4.00	4.75	6.71	7.188	5.668	8
9	8.608	10.1 B	8.788	16.7 B	33.2	17.5	6.90	3.92	4.75	6.67	7.248	5.688	9
10	8.538	10.0 B	8.628	17.7 B	32.9	17.0	7.44	3.89	4.72	6.68	7.228	5.658	10
11	8.488	10.2 B	8.658	16.7 B	32.7	16.6	7.30	4.41	4.70	6.61	7.188	5.638	11
12	8.468	10.2 B	8.638	16.2 B	32.3	16.4	8.99	4.68	4.66	6.67	7.158	5.628	12
13	8.578	10.1 B	8.888	16.2 B	31.9	15.3	8.78	4.70	4.61	6.91	7.108	5.618	13
14	8.558	10.1 B	8.988	17.7 B	31.6	14.8	8.68	4.57	4.60	7.15	7.088	5.598	14
15	8.528	10.2 B	9.188	22.6 B	30.7	14.0	8.53	4.51	4.61	7.14	7.048	5.588	15
16	8.548	10.1 B	9.328	23.8 B	30.0	12.8	8.22	4.48	4.62	7.08	6.708	5.588	16
17	8.608	10.1 B	9.358	24.5 B	29.3	12.2	8.10	4.46	4.64	7.08	6.308	5.568	17
18	8.568	10.3 B	9.358	26.0 B	28.7	11.7	8.97	4.48	4.73	7.16	5.908	5.548	18
19	8.478	10.4 B	9.518	27.2 B	27.8	11.2	8.72	4.37	4.85	7.05	5.858	5.528	19
20	8.828	10.4 B	9.768	28.0 B	27.5	10.8	8.78	4.31	4.88	7.01	5.508	5.518	20
21	8.728	10.4 B	9.908	27.5	27.6	9.87	8.88	4.22	4.92	7.20	5.458	5.488	21
22	8.848	10.4 B	9.988	26.7	27.1	9.53	8.40	4.20	4.85	7.24	5.558	5.468	22
23	8.618	10.3 B	9.948	26.7	26.3	9.11	8.00	4.14	4.82	7.30	5.758	5.478	23
24	8.788	10.3 B	9.938	26.7	25.7	8.89	4.81	4.13	6.08	7.338	6.008	5.458	24
25	8.768	10.1 B	9.808	26.3	25.0	8.61	4.71	4.23	5.15	7.488	6.258	5.448	25
26	8.718	9.798	9.588	26.8	24.4	8.11	4.80	4.24	5.28	7.808	6.308	5.428	26
27	8.778	9.588	9.018	27.3	23.6	7.56	4.61	4.21	5.44	7.798	6.258	5.418	27
28	8.888	9.408	8.588	27.1	23.4	7.12	4.36	4.22	5.57	7.778	6.108	5.408	28
29	9.038		8.428	27.0	23.0	6.79	4.37	4.27	5.73	7.748	5.958	5.388	29
30	9.158		8.488	26.8	22.7	7.46	5.21	4.37	5.91	7.738	5.858	5.378	30
31	9.218		8.828		22.1		9.00	4.47		7.778		5.358	31
TOTAL	267.88	277.66	289.00	730.84	925.1	411.56	196.33	134.72	146.33	216.91	200.61	172.51	TOTAL
MEAN	8.63	9.92	9.19	24.0	29.8	13.7	8.33	4.35	4.88	7.00	6.69	5.56	MEAN
MAX	9.21	10.4	9.96	38.0	36.6	21.6	9.18	4.82	5.91	7.80	8.00	5.80	MAX
MIN	8.23	9.10	8.46	9.03	22.1	8.79	4.34	3.89	4.50	5.93	5.45	5.35	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 39.08 ON APR 20
MINIMUM DAILY, 3.89 ON AUG 10
MAXIMUM INSTANTANEOUS,
46.1 AT 00:00 CST ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 24 20 N
LONG 108 01 40 W
DRAINAGE AREA, 4 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 100	JUL	17 000
FEB	24 000	AUG	11 500
MAR	24 800	SEP	12 800
APR	62 300	OCT	18 700
MAY	79 900	NOV	17 300
JUN	35 600	DEC	14 900

TOTAL DISCHARGE, 342 000 dam³

CARROT RIVER NEAR ARMLEY - STATION NO. 05KB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	3.01	0.085	0.007	0	0.003	0	---	---	1
2	---	---	0B	0 B	2.80	0.073	0.003	0	0.002	0	---	---	2
3	---	---	0B	0 B	2.46	0.034	0.001	0	0.001	0	---	---	3
4	---	---	0B	0.100B	2.26	0.026	0.001	0	0	0	---	---	4
5	---	---	0B	0.600B	2.06	0.003	0.001	0	0	0	---	---	5
6	---	---	0B	1.46 B	1.90	0.002	0.001	0	0	0	---	---	6
7	---	---	0B	7.42 B	1.73	0.004	0.001	0	0	0	---	---	7
8	---	---	0B	13.0	1.53	0.001	0	0	0	0	---	---	8
9	---	---	0B	13.5	1.36	0	0	0	0	0	---	---	9
10	---	---	0B	13.0	1.19	0	0	0	0	0	---	---	10
11	---	---	0B	10.5	1.01	0	0	0	0.001	0	---	---	11
12	---	---	0B	4.90	0.882	0	0	0	0.001	0	---	---	12
13	---	---	0B	4.24	0.761	0	0	0	0	0	---	---	13
14	---	---	0B	3.19	0.650	0	0	0	0	0	---	---	14
15	---	---	0B	10.2	0.546	0	0	0	0	0	---	---	15
16	---	---	0B	10.1	0.440A	0	0	0	0	0	---	---	16
17	---	---	0B	9.33	0.349A	0	0	0	0	0	---	---	17
18	---	---	0B	9.16	0.280E	0	0	0 001	0	0	---	---	18
19	---	---	0B	8.82	0.179A	0	0	0 002	0	0	---	---	19
20	---	---	0B	8.26	0.137	0	0	0 002	0	0	---	---	20
21	---	---	0B	7.83	0.109	0 001	0	0 015	0	0	---	---	21
22	---	---	0B	7.66	0.115	0 475	0	0 065	0	0	---	---	22
23	---	---	0B	7.33	0.108	0 342	0	0 016	0	0	---	---	23
24	---	---	0B	6.70	0.074A	0.140	0	0 049	0	0	---	---	24
25	---	---	0B	5.96	0.063A	0.088	0	0 041	0	0	---	---	25
26	---	---	0B	5.39	0.048	0 043	0	0 017	0	0 001	---	---	26
27	---	---	0B	4.89	0 061	0 016	0	0 008	0	0 002	---	---	27
28	---	---	0B	4.11	0 084	0 008	0	0 005	0	0 051	---	---	28
29	---		0B	3.66	0 067	0 002	0	0 005	0	0 001A	---	---	29
30	---		0B	3.28	0 034	0 001	0	0 004	0	0 001E	---	---	30
31	---		0B		0 101		0	0 003		0 001E		---	31
TOTAL	---	---	0	188 710	26 339	1 359	0 015	0 224	0 006	0 057	---	---	TOTAL
MEAN	---	---	0	6 62	0 850	0 045	0	0 007	0	0	---	---	MEAN
MAX	---	---	0	13 5	3 01	0 475	0 007	0 065	0 003	0 002	---	---	MAX
MIN	---	---	0	0	0 034	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 825
MAXIMUM DAILY, 13 5 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
14 7 AT 22 14 CST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 11 N
LONG 104 01 15 W
DRAINAGE AREA, 4 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 30
FEB	---	AUG	19 4
MAR	0	SEP	0 65
APR	17 200	OCT	0 60
MAY	2 280	NOV	---
JUN	117	DEC	---

TOTAL DISCHARGE, 19 800 dam³

CARROT RIVER NEAR KINISTINO - STATION NO 05KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	08	0 8	0 802	0 049	0	0	0 001	0 006	---	---	1
2	---	---	08	0 8	0 901	0 045	0	0	0 001	0 006	---	---	2
3	---	---	08	0 0578	0 927	0 031	0	0	0 001	0 006	---	---	3
4	---	---	08	0 0108	0 874	0 016	0	0	0	0 005	---	---	4
5	---	---	08	0 0288	0 733	0 014	0	0	0	0 005	---	---	5
6	---	---	08	0 3348	0 605	0 004	0	0	0	0 005	---	---	6
7	---	---	08	0 5418	0 552	0 004	0	0	0 001	0 007	---	---	7
8	---	---	08	0 4838	0 539	0 004	0	0	0 001	0 006	---	---	8
9	---	---	08	0 881	0 244	0 007	0	0	0 002	0 006	---	---	9
10	---	---	08	0 134	0 262	0 012	0	0 003	0 006	0 009	---	---	10
11	---	---	08	0 201	0 272	0 034	0	0 006	0 005	0 010	---	---	11
12	---	---	08	0 582	0 264	0 021	0	0	0 005	0 011	---	---	12
13	---	---	08	0 823	0 219	0 013	0	0	0 005	0 012	---	---	13
14	---	---	08	1 10	0 163	0 006	0	0	0 003	0 011	---	---	14
15	---	---	08	1 34	0 197	0 003	0	0	0 005	0 009	---	---	15
16	---	---	08	2 77	0 128	0 002	0	0	0 005	0 008	---	---	16
17	---	---	08	2 37	0 078	0 001	0	0	0 006	0 012	---	---	17
18	---	---	08	2 11	0 081	0 001	0	0	0 006	0 016	---	---	18
19	---	---	08	1 85	0 108	0 003	0	0	0 007	0 010	---	---	19
20	---	---	08	1 64	0 081	0 002	0	0	0 009	0 007	---	---	20
21	---	---	08	2 05	0 041	0	0	0 005	0 009	0 007	---	---	21
22	---	---	08	1 81	0 065	0	0	0 003	0 006	0 008	---	---	22
23	---	---	08	1 46	0 136	0 001	0	0 002	0 006	0 036	---	---	23
24	---	---	08	1 45	0 077	0	0	0 001	0 007	0 041	---	---	24
25	---	---	08	1 37	0 062	0	0	0	0 006	0 009	---	---	25
26	---	---	08	1 19	0 077	0	0	0	0 006	0 010	---	---	26
27	---	---	08	1 27	0 081	0	0	0	0 006	0 012	---	---	27
28	---	---	08	1 13	0 041	0	0	0	0 006	0 012	---	---	28
29	---		08	1 00	0 043	0	0	0	0 006	0 013A	---	---	29
30	---		08	0 926	0 036	0	0	0	0 006	0 013E	---	---	30
31	---		08		0 047		0	0		0 013E		---	31
TOTAL	---	---	0	30 792	8 874	0 273	0	0 022	0 135	0 350	---	---	TOTAL
MEAN	---	---	0	1 03	0 280	0 009	0	0 001	0 005	0 011	---	---	MEAN
MAX	---	---	0	2 77	0 927	0 049	0	0 006	0 009	0 041	---	---	MAX
MIN	---	---	0	0	0 036	0	0	0	0	0 006	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 184
MAXIMUM DAILY, 2 77 ON APR 16
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
2 92 AT 14 55 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 55 N
LONG 105 00 16 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	1 90
MAR	0	SEP	11 7
APR	2 680	OCT	30 2
MAY	749	NOV	---
JUN	23 8	DEC	---

TOTAL DISCHARGE, 3 480 dam³

CARROT RIVER NEAR SMOKY BURN - STATION NO 05KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 8048	0 3388	0 1288	0 0328	6 84	1 30	0 879	0 243	0 284	0 210	1 27	0 636	1
2	0 7188	0 3228	0 1438	0 0568	6 28	1 35	0 944	0 168	0 481	0 217	1 38	0 639	2
3	0 7148	0 3158	0 1448	0 0588	5 82	2 31	1 35	0 171	0 585	0 243	1 43	0 682	3
4	0 6968	0 3018	0 1298	0 1148	5 11	3 80	2 31	0 148	0 514	0 289	1 34	0 632	4
5	0 6898	0 2888	0 1338	1 01 B	4 75	4 64	2 31	0 138	0 463	0 341	1 30	0 587	5
6	0 6758	0 2728	0 1288	20 5 B	4 30	4 89	1 94	0 188	0 442	0 417	1 21	0 593	6
7	0 6618	0 2608	0 1258	56 4 B	4 00	3 91	1 75	0 123	0 400	0 743	1 05	0 605	7
8	0 6658	0 2528	0 1408	36 2 B	3 81	3 30	1 84	0 121	0 408	1 11	1 07	0 605	8
9	0 6378	0 2448	0 1288	46 5 B	3 57	4 85	2 77	0 092	0 417	1 06	1 29	0 610	9
10	0 6328	0 2388	0 1288	72 9	3 41	3 83	2 26	0 136	0 393	0 868	1 18	0 6808	10
11	0 6068	0 2298	0 1108	78 4	3 14	2 80	1 77	0 234	0 381	0 814	1 07	0 6348	11
12	0 5488	0 2318	0 1078	69 2	2 90	2 25	1 42	0 278	0 400	0 816	1 08	0 6138	12
13	0 5308	0 2348	0 1248	49 0	2 88	2 05	1 20	0 229	0 447	0 745	1 08	0 6338	13
14	0 5208	0 2208	0 1068	38 1	2 52	1 81	1 17	0 181	0 468	0 887	1 00	0 6408	14
15	0 5028	0 2298	0 0878	30 8	2 41	1 52	1 09	0 220	0 424	0 928	1 02	0 6308	15
16	0 5018	0 2248	0 0818	29 1	2 22	1 35	1 03	0 313	0 406	1 27	0 907	0 5748	16
17	0 4308	0 2148	0 0748	29 4	2 10	1 24	0 987	0 278	0 374	1 20	0 881	0 5018	17
18	0 4938	0 2128	0 0678	27 3	1 92	1 00	1 00	0 280	0 315	1 16	0 872	0 4588	18
19	0 4808	0 2118	0 0908	24 1	1 74	0 823	1 98	0 310	0 304	1 23	0 844	0 4608	19
20	0 4808	0 2048	0 0808	21 7	1 50	0 698	2 17	0 315	0 309	1 37	0 765	0 4388	20
21	0 5108	0 2058	0 0768	20 4	1 38	0 640	1 71	0 373	0 292	1 33	0 708	0 4248	21
22	0 5188	0 1868	0 0908	19 4	1 36	0 584	1 43	0 358	0 275	1 36	0 711	0 4258	22
23	0 5118	0 1708	0 0618	17 7	1 25	0 682	1 28	0 293	0 286	1 18	0 727	0 4118	23
24	0 4738	0 1638	0 0388	15 8	1 16	1 04	1 10	0 276	0 245	1 17	0 718	0 4088	24
25	0 4618	0 1608	0 0228	14 4	1 10	1 36	0 883	0 503	0 252	1 30	0 706	0 3968	25
26	0 4428	0 1378	0 0108	13 2	1 18	1 10	0 758	0 477	0 243	1 35	0 687	0 4058	26
27	0 4228	0 1348	0 0438	12 3	1 04	0 797	0 618	0 419	0 243	1 39	0 683	0 3988	27
28	0 3928	0 1418	0 0558	10 5	0 920	0 630	0 488	0 402	0 283	1 35	0 670	0 3938	28
29	0 3758		0 1058	8 97	0 888	0 707	0 424	0 411	0 268	1 38	0 682	0 4198	29
30	0 3598		0 0688	7 71	0 833	0 648	0 378	0 345	0 257	1 43	0 685	0 3948	30
31	0 3448		0 0288		0 970		0 279	0 307		1 37		0 4148	31
TOTAL	16 855	8 329	2 873	774 550	82 902	57 600	41 585	8 406	10 615	30 356	29 080	14 303	TOTAL
MEAN	0 544	0 226	0 093	25 8	2 67	1 92	1 34	0 271	0 381	0 979	0 970	0 526	MEAN
MAX	0 804	0 336	0 144	78 4	6 84	4 89	2 77	0 503	0 585	1 43	1 43	0 682	MAX
MIN	0 344	0 134	0 010	0 032	0 833	0 584	0 279	0 092	0 243	0 210	0 665	0 383	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 85
MAXIMUM DAILY, 78 4 ON APR 11
MINIMUM DAILY, 0 0108 ON MAR 26
MAXIMUM INSTANTANEOUS,
97 6 AT 21 10 CST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 25 00 N
LONG 103 08 30 W
DRAINAGE AREA, 9 250 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 480	JUL	3 590
FEB	547	AUG	726
MAR	248	SEP	934
APR	65 900	OCT	2 620
MAY	7 150	NOV	2 510
JUN	4 950	DEC	1 410

TOTAL DISCHARGE, 93 100 dam³

CARROT RIVER NEAR TURNBERRY - STATION NO 05KH007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.208	1.958	2.048	2.888	38.4	9.84	5.88	6.43	6.52	3.47	14.8	4.838	1
2	2.178	2.388	2.058	2.908	36.3	13.0	25.3	5.56	6.38	3.29	14.5	4.508	2
3	2.208	2.438	2.078	3.358	34.9	18.5	28.0	4.98	6.47	3.38	14.8	4.408	3
4	2.308	2.468	2.078	5.688	33.0	20.7	22.4	4.48	6.82	3.84	14.9	4.318	4
5	2.318	2.678	2.138	9.708	31.1	21.4	21.3	4.23	7.06	10.1	14.8	4.218	5
6	2.288	2.388	2.148	13.9 B	29.1	21.6	21.3	4.47	7.12	26.4	12.8 B	4.118	6
7	2.388	2.208	2.168	18.1 B	27.5	21.2	23.3	4.18	6.90	23.8	11.1 B	4.018	7
8	2.428	2.088	2.138	22.3 B	25.8	22.4	23.3	4.18	7.03	22.2	9.35	3.928	8
9	2.478	2.058	2.108	26.5 B	23.7	19.8	21.4	4.00	9.75	21.6	9.288	3.828	9
10	2.498	2.058	2.068	30.6 B	22.4	18.0	19.4	3.79	11.7	20.0	8.898	3.728	10
11	2.508	2.088	1.928	35.1 B	21.6	17.7	19.1	5.08	11.1	18.8	8.588	3.638	11
12	2.478	2.098	1.788	39.6 B	20.6	18.9	18.4	5.41	10.2	18.0	8.278	3.538	12
13	2.438	2.078	1.628	44.2 B	20.1	15.8	16.7	6.27	9.53	17.7	7.988	3.438	13
14	2.428	2.068	1.498	47.2 B	18.4	14.0	15.7	7.51	8.83	17.2	7.658	3.358	14
15	2.398	2.038	1.448	47.5 B	17.4	11.9	15.8	8.56	7.81	16.8	7.368	3.288	15
16	2.308	1.988	1.408	47.7 B	16.1	10.8	14.2	7.85	7.89	18.0	7.138	3.208	16
17	2.078	1.988	1.428	48.6 B	14.8	10.2	13.8	9.18	8.98	18.8	8.818	3.128	17
18	1.958	1.948	1.488	48.2	13.6	9.74	13.7	8.56	6.42	19.8	8.698	3.058	18
19	1.938	1.938	1.578	49.4	12.4	8.74	12.9	8.12	5.00	18.1	8.488	3.068	19
20	1.928	1.938	1.678	49.8	11.4	7.35	13.6	8.49	5.85	17.8	8.288	3.098	20
21	1.908	1.938	1.908	50.0	10.2	6.42	14.6	10.8	5.57	17.4	8.048	3.028	21
22	1.908	1.938	2.148	50.6	9.20	6.00	15.2	12.9	5.38	17.2	8.888	3.028	22
23	1.898	1.908	2.428	50.6	8.28	5.85	15.2	12.8	4.95	16.9	8.668	3.008	23
24	1.888	1.938	2.828	49.3	7.31	5.40	14.6	11.7	4.70	16.1	8.548	3.028	24
25	1.868	2.008	3.238	48.2	6.61	5.41	15.2	10.6	4.51	16.0	8.398	3.038	25
26	1.868	2.048	3.568	47.0	5.98	5.53	15.5	9.82	4.25	16.1	8.278	3.038	26
27	1.898	2.068	3.738	45.9	5.54	5.86	14.1	8.72	4.16	15.8	8.148	3.048	27
28	1.848	2.058	3.678	44.5	5.39	5.54	12.0	7.75	4.02	15.6	8.028	3.068	28
29	1.828		3.388	42.3	5.56	5.47	10.2	7.15	3.78	15.6	8.908	3.078	29
30	1.828		3.038	40.5	7.46	5.22	8.54	6.98	3.59	15.0	8.788	3.088	30
31	1.818		2.888		7.30		7.28	6.80		14.7		3.088	31
TOTAL	68.09	59.38	69.38	1 062.89	548.43	363.57	507.88	228.85	200.85	494.08	251.90	107.84	TOTAL
MEAN	2.13	2.12	2.24	35.4	17.7	12.1	16.4	7.38	6.69	15.9	8.40	3.48	MEAN
MAX	2.50	2.86	3.73	50.6	38.4	23.4	28.0	12.8	11.7	26.4	14.9	4.83	MAX
MIN	1.81	1.90	1.40	2.88	5.39	5.22	5.88	3.79	3.59	3.29	4.78	3.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 50.6 ON APR 22
MINIMUM DAILY, 1.408 ON MAR 16
MAXIMUM INSTANTANEOUS,
51.2 AT 12 14 CST ON APR 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 00 N
LONG 102 07 00 W
DRAINAGE AREA, 12 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 710	JUL	63 900
FEB	5 130	AUG	19 800
MAR	5 930	SEP	17 300
APR	91 800	OCT	42 700
MAY	47 400	NOV	21 800
JUN	31 400	DEC	9 320

TOTAL DISCHARGE, 342 000 dam³

CHIPMAN RIVER ABOVE BLACK LAKE - STATION NO. 07LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.61	8.98	5.84A	5.83	10.3A	18.7	19.4	14.1	8.81	6.97	8.58	8.13	1
2	8.56	8.94	5.89A	5.80	11.2	18.9	19.3	13.9	8.52	6.95	8.89	8.10	2
3	8.54	8.90	5.67A	5.80	12.3	18.9	19.5	13.8	8.50	6.94	8.89	8.07	3
4	8.51	8.81	5.92	5.75	13.0A	18.8	19.3	13.2	8.41	6.90	8.83	8.04	4
5	8.39	8.83	5.96	5.78	13.3E	18.6	19.1	12.8	8.26	6.82	8.52	8.14	5
6	8.32	8.83	5.88A	5.80	13.5E	18.6	18.9	12.5	8.29	6.77	8.45	8.31	6
7	8.33	8.82	6.02A	5.78	13.7A	18.5	18.7	12.7	8.33	6.78	8.39	8.35	7
8	8.23	8.72	6.00E	5.73	13.7A	18.3	18.4	12.7	8.38	6.70	8.35	8.41	8
9	8.17	8.67	5.98A	5.68	13.7E	18.2	17.9	12.5	8.35	6.60	8.34	8.40	9
10	8.14	8.63	5.98E	5.67	13.8E	18.2	17.8	12.2	8.28	6.50	8.40	8.37	10
11	8.15	8.50A	5.95E	5.63	13.9E	18.9	17.4	12.0	8.20	6.40	8.48	8.33	11
12	8.11	8.46E	5.82A	5.68	14.2A	19.2	17.1	11.8	8.10	6.38	8.46	8.32	12
13	8.04	8.42E	5.80A	5.68	14.6	19.7	16.9	11.5	8.01	6.41	8.35	8.36	13
14	7.78	8.38E	5.89A	5.71	15.0	19.8	16.6	11.3	7.98	6.42	8.27	8.33	14
15	7.84	8.37A	5.97	5.74	15.8	19.6	17.0	11.1	7.79	6.38	8.32	8.32	15
16	7.85	8.28A	5.97	5.74	16.6	19.8	17.0	11.0	7.76	6.38	8.33	8.33	16
17	7.53	8.22A	5.89	5.74	17.7	20.1	16.9	10.8	7.77	6.45	8.24	8.33	17
18	7.45	8.24	6.06	5.74	18.3	20.0	16.7	10.7	7.83	6.43	8.20	8.34	18
19	7.48	8.26	6.15	5.78	18.5	20.2	16.4	10.5	7.56	6.37	8.12	8.36	19
20	7.46	8.26	6.17	5.78	18.5	20.1	16.2	10.4	7.52	6.34	8.08	8.38	20
21	7.48	8.30	6.18	5.81	18.5	20.2	16.0	10.3	7.45	6.31	8.25	8.34	21
22	7.22	8.29	6.12	5.84	18.6	20.3	15.8	10.1	7.43	6.38	8.19	8.30	22
23	7.22	8.19	6.06	6.03	18.7	20.4	15.4	9.83	7.42	6.39	8.11	8.26	23
24	7.14	8.12A	6.00	6.18A	18.7	20.2	15.2	9.85	7.34	6.35	8.08	8.31	24
25	7.13	8.08E	5.98	6.32A	18.8	19.9	15.0	9.71	7.30	6.33	8.17	8.31	25
26	7.14	8.03E	5.89	6.54	18.7	19.8	14.8	9.53	7.27	6.34	8.23	8.36	26
27	7.13	8.88A	5.82A	6.87	18.8	19.9	14.7	9.41	7.21	6.23	8.22	8.40	27
28	7.13	8.95A	5.80A	7.62A	18.8	20.0	14.8	9.28	7.14	6.22	8.23	8.40	28
29	7.13		5.78A	8.58A	18.8	19.8	14.4	9.24	8.91	6.43	8.21	8.39	29
30	7.11		5.83	9.48A	18.6	19.6	14.4	9.03	8.88	6.48	8.12	8.29	30
31	7.06		5.84		18.8		14.3	8.84		6.51		8.19	31
TOTAL	239.84	180.44	184.73	184.27	497.4	583.3	520.7	346.82	234.55	201.88	188.67	195.27	TOTAL
MEAN	7.74	8.44	5.96	6.14	16.0	19.4	16.8	11.2	7.82	6.51	8.32	8.30	MEAN
MAX	8.61	8.98	6.17	9.48	18.8	20.4	19.5	14.1	8.81	6.97	8.89	8.41	MAX
MIN	7.06	8.95	5.78	5.83	10.3	18.2	14.3	8.84	8.89	6.22	8.08	8.04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.75
MAXIMUM DAILY, 20.4 ON JUN 23
MINIMUM DAILY, 5.83 ON APR 11
MAXIMUM INSTANTANEOUS,
20.8 AT 01 09 CST ON JUN 24

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 19 10 N
LONG 105 18 10 W
DRAINAGE AREA, 8 580 km²

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 700	JUL	45 000
FEB	15 600	AUG	23 900
MAR	15 000	SEP	20 300
APR	15 900	OCT	17 400
MAY	43 000	NOV	16 400
JUN	50 400	DEC	18 900

TOTAL DISCHARGE, 308 000 dam³

CHITEK LAKE AT CHITEK VILLAGE - STATION NO 05AD012

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	586.285	586.244	---	---	---	---	---	2
3	---	---	---	---	---	---	---	585.245	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	586.316	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	586.242	---	---	---	---	---	6
7	---	---	---	---	---	586.284	---	---	---	---	---	---	7
8	---	---	---	---	586.314	---	---	586.243	---	---	---	---	8
9	---	---	---	---	---	---	586.245	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	586.306	---	---	586.265	---	---	---	---	11
12	---	---	---	---	---	586.283	---	---	---	---	---	---	12
13	---	---	---	---	---	---	586.253	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	586.295	---	---	586.245	---	---	---	---	15
16	---	---	---	---	---	---	586.262	---	---	---	---	---	16
17	---	---	---	---	586.285	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	586.264	---	586.235	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	586.274	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	586.283	586.250	---	---	---	586.088	---	---	23
24	---	---	---	---	---	---	586.225	---	---	---	---	---	24
25	---	---	---	---	---	---	---	586.236	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	586.284	586.245	---	---	---	---	---	---	27
28	---	---	---	---	---	---	586.274	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	586.232		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 44 55 N
LONG 107 43 55 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHRISTOPHER LAKE NEAR CHRISTOPHER LAKE - STATION NO. 05GG009

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	514.650	514.631	514.698E	514.689E	514.606E	514.563E	---	1
2	---	---	---	---	---	514.655E	514.633E	514.693E	514.686E	514.603	514.563	---	2
3	---	---	---	---	---	514.661	514.635	514.690	514.683E	514.602E	514.562E	---	3
4	---	---	---	---	514.606	514.665E	514.638E	514.688E	514.680	514.602E	514.562E	---	4
5	---	---	---	---	514.617	514.669	514.642E	514.686E	514.675E	514.601E	514.561E	---	5
6	---	---	---	---	---	514.668E	514.645	514.684E	514.670E	514.601	514.560	---	6
7	---	---	---	---	514.615	514.667E	514.645E	514.682	514.684	514.597E	---	---	7
8	---	---	---	---	514.616	514.667	514.644E	514.684E	514.683E	514.584E	---	---	8
9	---	---	---	---	514.617E	514.665E	514.644E	514.687E	514.682E	514.591	---	---	9
10	---	---	---	---	514.619E	514.664	514.643	514.690	514.681E	514.591E	---	---	10
11	---	---	---	---	514.620	514.662E	514.643E	514.692E	514.680	514.591E	---	---	11
12	---	---	---	---	514.621E	514.661	514.642E	514.714	514.680E	514.591E	---	---	12
13	---	---	---	---	514.621	514.667E	514.641	514.696E	514.680E	514.591	---	---	13
14	---	---	---	---	514.622E	514.673E	514.640E	514.695	514.680	514.584E	---	---	14
15	---	---	---	---	514.622	514.679	514.656E	514.699E	514.656E	514.578E	---	---	15
16	---	---	---	---	514.622E	514.684E	514.664E	514.700E	514.651E	514.571	---	---	16
17	---	---	---	---	514.622E	514.689	514.671	514.702	514.646E	514.573E	---	---	17
18	---	---	---	---	514.622	514.677E	514.673E	514.702E	514.641	514.575E	---	---	18
19	---	---	---	---	514.622E	514.685	514.674E	514.702E	514.639E	514.577	---	---	19
20	---	---	---	---	514.622	514.685E	514.675	514.702E	514.637E	514.576E	---	---	20
21	---	---	---	---	514.617E	514.686E	514.676E	514.702	514.635	514.575E	---	---	21
22	---	---	---	---	514.612	514.687	514.677E	514.696E	514.635E	514.574E	---	---	22
23	---	---	---	---	514.611E	514.686E	514.676E	514.690E	514.635E	514.570	---	---	23
24	---	---	---	---	514.610E	514.685	514.676	514.684	514.635E	514.572E	---	---	24
25	---	---	---	---	514.608	514.684E	514.681E	514.687E	514.636	514.572E	---	---	25
26	---	---	---	---	514.609E	514.683	514.684E	514.691E	514.629E	514.571	---	---	26
27	---	---	---	---	514.610	514.652E	514.686	514.695E	514.622E	514.589E	---	---	27
28	---	---	---	---	514.620E	514.640E	514.690E	514.698	514.616	514.587E	---	---	28
29	---		---	---	514.630	514.629	514.693E	514.698E	514.612E	514.585E	---	---	29
30	---		---	---	514.637E	514.630E	514.696E	514.694E	514.609E	514.583	---	---	30
31	---		---		514.644E		514.700	514.692		514.583E		---	31
MEAN	---	---	---	---	---	514.663	514.682	514.694	514.650	514.582	---	---	MEAN
MAX	---	---	---	---	---	514.689	514.700	514.714	514.689	514.606	---	---	MAX
MIN	---	---	---	---	---	514.629	514.631	514.682	514.609	514.563	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 514.714 ON AUG 12

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 30 30 N
LONG 105 45 55 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHURCHILL LAKE AT BUFFALO NARROWS - STATION NO 05BA001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	419.385	1
2	---	---	---	---	---	---	---	---	---	419.528	---	---	2
3	---	---	---	---	---	---	---	---	419.855	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	419.359	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	419.842	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	419.870	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 51 33 N
LONG 108 28 27 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHURCHILL RIVER ABOVE MAPLE LEAF RAPIDS - STATION NO 05EA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	721	732	746	723	805	722	736	709	703	680	718	733	1
2	721	733	745	723	787	721	734	709	703	683	717	735	2
3	720	733	740	722	777	701	732	712	702	694	718	731	3
4	720	731	734	721	768	710	732	710	707	680	717	733	4
5	722	729	732	721	761	718	734	710	706	677	719	734	5
6	722	730	732	722	747	717	734	708	704	686	719	734	6
7	720	736	731	731	740	718	728	706	702	682	721	733	7
8	718	744	731	731	736	717	718	704	703	676	720	739	8
9	716	748	730	731	733	716	709	705	704	685	720	751	9
10	713	745	728	719	731	716	714	707	704	694	721	755	10
11	713	745	728	718	732	715	703	681	702	698	719	751	11
12	715	746	727	718	732	713	745	659	701	700	720	748	12
13	716	747	727	716	739	679	736	665	702	704	720	747	13
14	717	748	726	715	743	702	743	684	702	711	722	743	14
15	720	747	726	714	737	710	734	685	701	713	723	741	15
16	722	747	726	715	732	713	723	683	701	712	723	739	16
17	722	747	726	715	732	714	736	681	701	711	722	738	17
18	722	748	726	715	732	717	741	694	702	712	722	737	18
19	723	748	726	729	730	718	741	696	686	713	720	737	19
20	722	748	728	764	731	719	730	697	685	713	720	737	20
21	724	750	726	778	728	718	718	698	685	713	722	737	21
22	724	749	727	787	724	722	714	698	677	713	721	738	22
23	725	749	726	792	723	723	715	699	681	712	720	739	23
24	726	749	725	788	723	723	716	699	691	705	721	736	24
25	726	748	725	813	721	724	718	699	696	703	721	734	25
26	725	748	725	820	720	725	714	703	699	703	722	734	26
27	724	748	724	818	730	731	712	704	700	704	726	733	27
28	723	748	725	828	731	734	710	701	697	705	729	730	28
29	724		724	836	733	735	709	701	673	710	732	727	29
30	726		724	824	733	736	712	702	684	715	732	723	30
31	730		723		732		710	702		716		729	31
TOTAL	22 384	20 824	22 591	22 517	22 874	21 527	22 445	21 582	20 844	21 814	21 649	22 856	TOTAL
MEAN	721	744	729	751	738	718	724	696	695	697	722	737	MEAN
MAX	730	750	746	838	805	736	745	712	707	716	732	755	MAX
MIN	713	729	723	714	720	679	703	659	684	653	717	723	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 722
MAXIMUM DAILY, 838 ON APR 29
MINIMUM DAILY, 653 ON OCT 2
MAXIMUM INSTANTANEOUS,
838 AT 08 31 CST ON APR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 15 N
LONG 102 13 03 W
DRAINAGE AREA, 212 000 km²

REGULATED SINCE 1928

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 930 000	JUL	1 940 000
FEB	1 800 000	AUG	1 880 000
MAR	1 950 000	SEP	1 800 000
APR	1 950 000	OCT	1 870 000
MAY	1 980 000	NOV	1 870 000
JUN	1 860 000	DEC	1 970 000

TOTAL DISCHARGE, 22 800 000 dam³

REMARKS - STAGE-DISCHARGE RELATION NOT DEFINED BY DISCHARGE MEASUREMENT ABOVE 750 m³/s AND BELOW 630 m³/s

CHURCHILL RIVER ABOVE OTTER RAPIDS - STATION NO 06CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	223	216	205	197	280	427	407	382	285	233	198	176	1
2	223	214	205	197	300	427	407	358	283	229	198	175	2
3	223	212	205	197	310	425	406	352	281	229	197	174	3
4	223	211	205	197	321	427	406	350	279	227	197	174	4
5	223	211	206	198	332	426	405	345	277	225	195	173	5
6	222	211	206	198	341	425	401	342	277	223	194	173	6
7	222	212	205	199	349	427	398	340	277	221	193	173	7
8	222	212	204	201	380	428	394	338	274	222	192	173	8
9	221	213	204	203	384	427	395	332	272	221	191	173	9
10	221	211	204	209	371	428	392	328	271	221	190	172	10
11	220	212	203	208	378	433	390	328	269	219	189	172	11
12	220	211	202	210	383	435	389	329	268	218	188	171	12
13	221	210	201	212	389	439	385	328	265	219	188	170	13
14	219	209	201	212	395	436	383	322	264	218	187	170	14
15	217	212	202	212	399	437	381	318	260	214	187	169	15
16	218	211	202	214	401	435	381	315	259	213	187	168	16
17	217	210	202	215	403	435	378	315	258	213	187	168	17
18	215	211	201	215	405	432	375	312	255	212	188	167	18
19	217	210	202	217	407	431	375	310	253	208	185	167	19
20	217	209	202	221	414	428	375	308	251	207	184	167	20
21	218	209	202	225	418	428	374	307	249	207	183	167	21
22	214	208	202	231	419	425	372	304	248	207	183	166	22
23	214	208	202	238	419	422	370	304	248	206	182	166	23
24	214	207	202	243	420	418	370	302	244	204	181	166	24
25	213	207	202	248	420	416	367	301	243	204	181	165	25
26	215	208	201	255	420	414	365	300	241	203	180	165	26
27	216	205	199	262	420	413	366	297	240	202	180	165	27
28	217	205	199	268	421	410	367	298	238	201	179	164	28
29	217		198	274	423	408	366	296	238	202	178	163	29
30	218		198	282	424	407	365	292	234	200	177	162	30
31	217		198		425		364	290		199		162	31
TOTAL	6 777	5 884	6 270	6 689	11 939	12 770	11 872	9 919	7 785	6 926	5 919	5 236	TOTAL
MEAN	219	210	202	222	385	426	383	320	260	214	187	169	MEAN
MAX	223	216	206	282	425	439	406	382	285	233	198	176	MAX
MIN	213	205	198	197	280	407	364	290	234	199	177	162	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 287
MAXIMUM DAILY, 439 ON JUN 13
MINIMUM DAILY, 162 ON DEC 30
MAXIMUM INSTANTANEOUS,
441 AT 18 39 CST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 36 47 N
LONG 104 44 05 W
DRAINAGE AREA, 119 000 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	586 000	JUL	1 030 000
FEB	506 000	AUG	857 000
MAR	542 000	SEP	673 000
APR	578 000	OCT	572 000
MAY	1 030 000	NOV	485 000
JUN	1 100 000	DEC	452 000

TOTAL DISCHARGE, 8 410 000 dam³

CHURCHILL RIVER ABOVE WINTEGO RAPIDS - STATION NO 05EA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	795	783	732E	691E	623E	695	785	701	723E	683	771	784E	1
2	783	772	731E	689E	633E	704A	783	700	722	682	773	768E	2
3	756	774	731E	688E	643E	709E	780	701	720	656	775	787A	3
4	780	781	730E	686E	650E	718E	785	701	727E	680	771A	787	4
5	760	767	730E	687E	662E	722A	752E	696	733	670	768E	784	5
6	743	634	729E	687E	689E	725	748	697	729	675	765E	788	6
7	752	628	726E	702E	691E	725A	746E	696	730E	677	762E	770	7
8	780	605	722E	706E	686E	728A	743	694E	731E	677A	760E	768	8
9	788	623	722E	708E	686E	729	739	691	731	682A	787E	769	9
10	773	632	727E	710E	673E	729	737E	687	720E	684A	784A	769	10
11	777	632	724E	710E	678E	731	735E	691	710	681	782	768	11
12	815	778	720E	712E	685E	740	733E	693E	712E	680	780A	768	12
13	810	758	719E	712E	698E	781	731E	695E	713E	680	783E	768	13
14	735	760	719E	715E	685E	783	730E	698E	715	681	763E	766	14
15	729	765	721E	723E	684E	770	728E	700E	698E	677	731E	769	15
16	737	681	730E	726E	644E	777	726E	702	708	673	734E	769	16
17	736	685	719E	730E	640E	787E	724	707	705	687	766E	770	17
18	726	624	719E	735E	643E	788	717	713E	703E	670	776E	771	18
19	737	651	718E	737E	641E	789	724E	717E	700E	678A	780E	771	19
20	767	618	718E	739E	643E	788	728A	722	698E	683A	787E	771	20
21	757	778	717E	746E	644E	788E	715	722	695	682	784E	771	21
22	737	768	713E	763E	648E	789E	711	723	690	682	788E	771	22
23	731	765	710E	725E	647E	789	705	723E	686	687	785E	771	23
24	734	743	708E	635E	658E	801	700	722	685E	690A	782E	773	24
25	741	737E	708E	689E	689A	788E	695	720	682E	693	778E	775	25
26	781	736E	707E	680E	657	781E	691	717	679E	710	777E	775	26
27	773	735E	706E	680E	656	786	686	718E	678E	731	772E	775	27
28	782	736E	706E	685E	663	780	689	716E	673A	744	768E	775	28
29	787		703E	687E	670	777	689	719	686	754	766E	775	29
30	788		702E	615E	678	772	689	724	656	784	766E	772	30
31	787		697E		686		700	723E		788		773	31
TOTAL	23 508	22 010	22 282	20 687	20 476	22 763	22 483	21 932	21 130	21 279	23 009	23 676	TOTAL
MEAN	758	786	718	690	661	780	725	707	704	690	767	770	MEAN
MAX	815	851	732	763	698	801	785	724	733	788	784	775	MAX
MIN	725	735	697	600	623	695	689	687	686	656	731	764	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 727
MAXIMUM DAILY, 851 ON FEB 19
MINIMUM DAILY, 600E ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 34 30 N
LONG 102 49 48 W
DRAINAGE AREA, 210 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 030 000	JUL	1 940 000
FEB	1 900 000	AUG	1 880 000
MAR	1 920 000	SEP	1 830 000
APR	1 790 000	OCT	1 850 000
MAY	1 770 000	NOV	1 990 000
JUN	1 970 000	DEC	2 080 000

TOTAL DISCHARGE, 22 800 000 dam³

REMARKS - DATA QUALITY FOR 1987 WAS POOR DUE TO SEVERAL PERIODS OF MISSING STAGE DATA

CHURCHILL RIVER AT SANDY BAY - STATION NO 05EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	738	767	778	747	852	727	755	709	708	833	718	744	1
2	738	758	774	746	825	723	753	711	708	818	718	747	2
3	737	757	761	745	812	682	750	716	708	833	717	742	3
4	737	751	760	745	800	713	753	712	714	842	719	743	4
5	736	749	760	745	777	720	755	713	711	888	719	744	5
6	735	755	760	744	758	722	747	711	708	879	719	742	6
7	733	770	759	742	750	721	735	708	708	870	720	744	7
8	732	779	757	741	743	721	717	707	710	855	719	756	8
9	726	781	755	738	743	721	714	711	711	878	721	778	9
10	718	778	754	737	741	719	722	715	710	890	720	782	10
11	727	778	753	733	744	719	702	856	708	896	721	771	11
12	730	778	752	732	745	694	803	825	709	897	721	768	12
13	732	780	752	731	780	684	700E	847	706	705	723	768	13
14	736	779	752	730	783	706	755E	837	706	714	725	757	14
15	742	779	752	730	747	714	850E	858	708	715	726	764	15
16	741	778	752	731	742	721	730E	885	706	713	723	762	16
17	741	780	753	729	745	722	788	894	708	711	724	762	17
18	742	784	753	728	741	726	785	898	710	711	726	761	18
19	742	784	753	784	740	728	781	700	885	714	723	761	19
20	739	784	754	822	742	728	734	701	844	715	726	761	20
21	742	785	754	837	736	731	719	702	850	712	725	761	21
22	743	783	753	851	743	734	716	703	875	704	723	763	22
23	745	783	752	840	731	734	719	704	887	703	725	767	23
24	746	783	752	853	731	734	722	708	701	697	726	762	24
25	745	782	752	895	729	736	722	704	707	695	728	746	25
26	745	780	751	908	728	740	716	711	709	697	727	744	26
27	744	780	750	890	728	751	713	710	710	698	735	740	27
28	743	779	749	925	729	756	710	706	883	697	739	737	28
29	747		749	921	731	757	710	707	848	708	739	724	29
30	784		748	888	730	755	713	707	838	714	741	738	30
31	785		748		728		711	706		717		753	31
TOTAL	22 912	21 694	23 403	23 674	23 313	21 735	22 851	21 582	20 880	21 401	21 731	23 280	TOTAL
MEAN	739	775	755	789	752	725	731	698	698	690	724	751	MEAN
MAX	785	785	778	925	852	757	803	718	714	717	741	782	MAX
MIN	718	749	748	725	728	684	680	625	838	618	717	724	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 735
MAXIMUM DAILY 925 ON APR 26
MINIMUM DAILY 618 ON OCT 2
MAXIMUM INSTANTANEOUS
948 AT 07 35 CST ON APR 29

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 31 24 N
LONG 102 19 06 W
DRAINAGE AREA 212 000 km²

E - ESTIMATED
REGULATED SINCE 1928

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 980 000	JUL	1 980 000
FEB	1 870 000	AUG	1 880 000
MAR	2 020 000	SEP	1 800 000
APR	2 050 000	OCT	1 850 000
MAY	2 010 000	NOV	1 880 000
JUN	1 880 000	DEC	2 010 000

TOTAL DISCHARGE 23 200 000 dam³

CHURCHILL RIVER NEAR PATUANAK - STATION NO 05BB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	117	113E	107	103E	133E	182	165	147	119E	103 A	89 5E	79 6A	1
2	118	113E	106	103E	134E	184	167	145	118E	103	89 0E	80 0	2
3	117	113E	107	104E	136E	179	165	146	118E	105	88 0E	78 9	3
4	119	113E	108	104E	138E	176	163	148	117E	108	87 8E	79 8	4
5	118	113E	108	104E	142E	172	161	145	117E	104	87 0E	82 3	5
6	117	113E	106	105E	144E	173	160	144	116E	104	86 5E	79 7	6
7	116	113E	106	105E	146E	178	163	142	116E	91 2	86 2E	80 1	7
8	116	113E	105	106E	149E	177	159	141	115E	92 5	86 0E	81 0	8
9	115	112E	104	108E	152E	174	156	140	114E	101	85 9E	78 8	9
10	115A	112E	106	107E	154E	173	159	139	114E	99 4	85 7E	79 7	10
11	116E	111E	104	108E	156E	181	159	144	113E	96 3	85 4E	80 6	11
12	116E	111E	103	108E	158E	177	159	151	113E	98 5	84 9E	80 8	12
13	117E	111E	103	109E	180E	187	158	145	112E	111	84 8E	80 2	13
14	117E	110E	102	110E	182E	181	156	142	112E	99 5	84 2E	78 0	14
15	117E	110E	104	111E	184E	172	159	140	111E	95 4	84 0E	77 5	15
16	117E	110E	103	112E	186E	177	157	141	111E	96 7	83 8E	78 4	16
17	116E	110E	102	113E	165E	179	154	138	110E	101	83 5E	78 2	17
18	116E	110A	102	114E	187E	178	152	133	109E	102	83 2E	77 8	18
19	116E	110	103	115E	189E	175	150	130	108E	98 0	82 6E	80 4	19
20	116E	110	103	116E	170E	173	153	129	108E	92 9	82 3E	79 2	20
21	116E	110	103E	117E	171E	171	152	133	107E	88 0	81 9E	76 6	21
22	115E	108	103E	116E	172E	176	151	129	107E	94 2	81 5E	78 1	22
23	115E	108	103E	119E	172E	176	150	126	106E	92 1	81 0E	77 7	23
24	115E	107	103E	121E	172E	179	150	125A	106E	91 7	80 5E	78 2	24
25	115E	107	103E	123E	172E	173	148	124E	105E	93 1	80 3E	77 5	25
26	115E	107	103E	125E	172E	188	148	123E	105E	97 3	80 1E	78 5	26
27	115E	105	103E	126E	172E	188	149	123E	105E	90 9	80 0E	77 1	27
28	114E	107	103E	127E	172E	189	146	122E	104E	87 7	79 9E	77 5	28
29	114E		103E	129E	172A	186	146	121E	104E	92 6A	79 8E	78 9	29
30	114E		103E	131E	169	183	145	120E	103E	91 0E	79 7E	78 0	30
31	114E		103E		172		146	119E		89 8E		76 5	31
TOTAL	3 503	3 089	3 223	3 389	4 853	5 255	4 602	4 187	3 323	3 011 6	2 514 8	2 445 6	TOTAL
MEAN	116	110	104	113	160	175	155	135	111	97 1	83 8	78 9	MEAN
MAX	119	113	108	131	172	187	167	151	119	111	89 5	82 3	MAX
MIN	114	105	102	103	133	163	145	119	103	87 7	79 7	76 5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 120
MAXIMUM DAILY 187 ON JUN 13
MINIMUM DAILY 78 5 ON DEC 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 30 N
LONG 107 43 40 W
DRAINAGE AREA 78 700 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	311 000	JUL	415 000
FEB	267 000	AUG	363 000
MAR	278 000	SEP	287 000
APR	294 000	OCT	260 000
MAY	428 000	NOV	217 000
JUN	454 000	DEC	211 000

TOTAL DISCHARGE 3 790 000 dam³

REMARKS - DISCHARGES ARE AFFECTED BY WIND ON LAC ILLE A LA CROSSE

CLEARWATER RIVER AT OUTLET OF LLOYD LAKE - STATION NO 07CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19 6E	19 6E	19 0	19 4	38 6	38 5	27 5	30 4	18 6	18 2	18 5	17 1	1
2	19 6E	19 6E	18 8	19 1	39 5	38 6	27 6	21 9	19 5	17 9	18 0	17 2	2
3	19 6E	19 6E	18 8	19 3	40 6	37 5	26 6	22 5	19 5	18 6	21 3	17 2	3
4	19 6E	19 6E	18 9	19 2	41 5	37 6	27 6	22 3	19 2	18 8	18 7	17 3	4
5	19 6E	19 6E	18 9	19 1	41 6	36 6	26 8	22 5	19 3	17 9	18 9	18 1	5
6	19 6E	19 6E	18 9	19 2	41 9	36 2	26 7	22 2	23 6	18 0	18 5	18 1	6
7	19 6E	19 6E	18 8	19 4	41 9	36 7	27 0	22 6	20 4	18 7	18 3	18 2	7
8	19 6E	19 6E	18 6	19 3	44 6	36 1	26 1	22 8	18 8	18 3	18 0	18 2	8
9	19 6E	19 6E	18 5	19 5	40 3	35 6	25 8	21 8	18 6	18 7	17 7	18 1	9
10	19 6E	19 6E	18 7	19 3	41 4	35 5	25 6	21 4	18 5	18 5	17 8	18 1	10
11	19 6E	19 6E	18 6	19 4	40 8	37 1	25 0	22 2	18 5	18 2	17 6	18 2	11
12	19 6E	19 6A	18 6	20 0	40 6	35 6	24 6	23 5	18 0	18 2	17 5	18 2	12
13	19 6E	19 7	18 6	19 9	41 9	38 5	24 3	22 3	19 0	22 1	17 3	18 1	13
14	19 6E	19 6	18 6	20 1	39 2	36 9	24 3	21 2	19 3	18 7	17 3	17 8	14
15	19 6E	19 6	18 8	20 3	41 6	33 8	25 6	20 8	17 7	18 0	17 7	17 8	15
16	19 6E	19 6	18 9	20 5	38 2	33 8	24 5	20 7	19 8	18 3	17 7	17 8	16
17	19 6E	19 6	18 8	21 1	38 2	34 1	24 3	21 5	19 3	21 0	17 6	17 8	17
18	19 6E	19 5	19 0	21 5	38 6	33 6	24 0	20 8	18 7	20 5	17 8	17 6	18
19	19 6E	19 5	19 1	22 5	38 8	32 2	23 7	20 7	18 9	18 6	17 6	18 2	19
20	19 6E	19 5	18 2	24 2	39 0	31 4	24 4	20 4	18 6	17 1	17 2	18 0	20
21	19 6E	19 6	19 3	26 8	38 4	31 1	23 8	21 0	19 1	18 1	17 4	17 7	21
22	19 6E	19 5	19 2	28 7	37 7	31 9	23 5	20 0	19 3	19 1	17 2	17 6	22
23	19 6E	19 4	18 1	30 5	37 9	31 7	22 7	20 1	19 0	18 0	17 1	17 7	23
24	19 6E	19 1	19 0	31 7	37 6	31 9	22 1	19 5	18 8	18 0	18 9	17 7	24
25	19 6E	18 9	18 9	33 1	38 1	30 4	22 2	20 0	18 7	19 7	17 1	17 7	25
26	19 6E	18 9	19 2	34 7	38 0	29 3	21 4	19 7	19 2	20 0	17 0	17 7	26
27	19 6E	18 9	18 9	35 6	37 8	28 9	22 6	19 4	19 1	18 4	17 1	17 6	27
28	19 6E	19 0	18 8	36 9	38 6	28 5	22 1	20 2	20 1	18 5	17 1	17 8	28
29	19 6E		18 7	37 5	37 0	28 2	21 6	21 3	18 4	18 5	17 1	17 7	29
30	19 6E		19 0	38 2	36 5	27 8	21 1	19 4	19 9	19 1	17 1	17 5	30
31	19 6E		19 3		36 8		21 4	20 5		18 1		17 4	31
TOTAL	607 6	544 7	584 6	736 2	1 223 4	1 011 4	757 8	686 9	575 3	578 0	534 4	551 4	TOTAL
MEAN	19 6	19 5	18 9	24 5	39 5	33 7	24 4	21 2	19 2	18 7	17 8	17 8	MEAN
MAX	19 6	19 7	19 3	36 2	44 6	38 9	28 4	23 5	23 6	22 1	21 3	18 2	MAX
MIN	19 6	18 9	18 4	19 1	36 5	27 8	21 1	19 4	17 7	17 7	17 0	17 1	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 22 8
MAXIMUM DAILY 44 6 ON MAY 8
MINIMUM DAILY 15 7 ON OCT 7
MAXIMUM INSTANTANEOUS
48 7 AT 11 56 CST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 19 50 N
LONG 106 45 50 W
DRAINAGE AREA 4 250 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 500	JUL	65 500
FEB	47 100	AUG	59 300
MAR	50 500	SEP	49 700
APR	63 600	OCT	50 000
MAY	106 000	NOV	46 200
JUN	87 400	DEC	47 600

TOTAL DISCHARGE 723 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS PARTLY DUE TO WIND EFFECT ON LLOYD LAKE

CODETTE RESERVOIR ABOVE THE SPILLWAY - STATION NO 05KD005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	347 552	347 605	347 203	347 085	347 187	347 803	347 644	347 404	347 581	347 488	347 625	347 648	1
2	347 436	347 450	347 153	347 218	347 489	347 666	347 505	347 808	347 347	347 131	347 874	347 388	2
3	347 836	347 288	347 170	347 215	347 505	347 537	347 381	347 818	347 133	347 288	347 853	347 258	3
4	347 764	347 314	347 140	347 388	347 489	347 336	347 330	347 869	347 160	347 520	347 843	347 384	4
5	347 878	347 390	347 278	347 458	347 404	347 115	347 802	347 747	347 118	347 850	347 310	347 678	5
6	347 717	347 448	347 188	347 144	347 417	347 177	347 783	347 748	347 272	347 824	347 283	347 820	6
7	347 718	347 488	347 073	347 174	347 052	347 566	347 545	347 476	347 553	347 483	347 439	347 855	7
8	347 668	347 501	347 121	346 822	346 917	347 775	347 416	347 515	347 886	347 215	347 534	347 827	8
9	347 472	347 708	347 188	346 530	347 134	347 580	347 221	347 887	347 468	347 161	347 573	347 819	9
10	347 135	347 788	347 138	346 305	347 481	347 285	347 082	347 839	347 255	347 180	347 478	347 802	10
11	347 484	347 885	347 058	346 104	347 832	347 157	347 222	347 773	347 103	347 534	347 778	347 873	11
12	347 843	347 873	347 131	346 061	347 734	346 878	347 837	347 871	347 381	347 883	347 809	347 880	12
13	347 813	347 872	347 035	346 478	347 682	346 778	347 784	347 576	347 719	347 843	347 880	347 770	13
14	347 723	347 818	347 280	347 118	347 473	347 218	347 423	347 363	347 882	347 824	347 708	347 850	14
15	347 720	347 835	347 582	347 525	347 333	347 438	347 229	347 332	347 582	347 354	347 459	347 880	15
16	347 483	347 732	347 537	347 845	347 237	347 087	347 200	347 739	347 408	347 318	347 248	347 887	16
17	347 558	347 188	347 568	346 028	347 400	347 133	347 322	347 776	347 301	347 347	347 484	347 813	17
18	347 788	347 374	347 531	347 787	347 350	347 138	347 595	347 822	347 189	347 535	347 414	347 778	18
19	347 585	347 522	347 448	347 788	347 388	347 018	347 733	347 813	347 152	347 805	347 180	347 824	19
20	347 582	347 537	347 470	347 788	347 187	347 181	347 787	347 663	347 234	347 800	347 077	347 900	20
21	347 714	347 788	347 494	347 888	347 111	347 578	347 788	347 148	347 383	347 781	347 078	347 925	21
22	347 887	347 820	347 472	347 582	347 047	347 700	347 887	347 304	347 272	347 583	347 416	347 848	22
23	347 890	347 882	347 537	347 448	347 317	347 708	347 540	347 870	347 244	347 185	347 848	347 925	23
24	347 323	347 803	347 478	347 218	347 885	347 801	347 318	347 788	347 210	347 180	347 833	347 890	24
25	347 587	347 782	347 585	347 437	347 878	347 208	347 188	347 880	347 231	347 882	347 878	347 882	25
26	347 758	347 870	347 773	347 885	347 480	347 378	347 538	347 388	347 280	347 873	347 800	347 882	26
27	347 835	347 378	347 650	347 842	347 307	347 474	347 884	347 380	347 887	347 785	347 748	347 887	27
28	347 822	347 248	347 452	347 877	347 188	347 841	347 830	347 348	347 843	347 782	347 713	347 958	28
29	347 780		347 332	347 845	347 138	347 832	347 508	347 414	347 704	347 703	347 820	347 874	29
30	347 836		347 237	347 213	347 424	347 813	347 208	347 871	347 878	347 727	347 808	347 711	30
31	347 843		347 171		347 788		347 248	347 788		347 758		347 588	31
MEAN	347 643	347 580	347 338	347 273	347 382	347 392	347 476	347 592	347 378	347 548	347 588	347 788	MEAN
MAX	347 887	347 882	347 773	346 028	347 832	347 832	347 783	347 869	347 719	347 893	347 900	347 856	MAX
MIN	347 136	347 188	347 035	346 061	346 917	346 778	347 082	347 148	347 103	347 121	347 078	347 258	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 347 488
MAXIMUM DAILY 346 028 ON APR 17
MINIMUM DAILY 346 061 ON APR 12
MAXIMUM INSTANTANEOUS
346 079 AT 16 01 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 16 55 N
LONG 104 02 47 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CONJURING CREEK NEAR PREECEVILLE - STATION NO. 05MC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0058	0.0058	0.013	0.006	0.014	0.003	0.001	0.003	0.006	---	1
2	---	---	0.0058	0.0078	0.009	0.006	0.006	0.001	0.002	0.003	0.034	---	2
3	---	---	0.0058	0.0088	0.007	0.006	0.006	0.001	0.002	0.003	0.008A	---	3
4	---	---	0.0048	0.0178	0.006	0.006	0.006	0.002	0.002	0.004	---	---	4
5	---	---	0.0048	3.02 B	0.006	0.007	0.006	0.003	0.001	0.004	---	---	5
6	---	---	0.0048	10.3 B	0.005	0.006	0.020	0.004	0.001	0.004	---	---	6
7	---	---	0.0028	6.48	0.006	0.006	0.012	0.002	0.001	0.004	---	---	7
8	---	---	0.0038	5.41	0.006	0.006	0.007	0.001	0.003	0.004	---	---	8
9	---	---	0.0048	3.98	0.006	0.006	0.010	0.001	0.003	0.004	---	---	9
10	---	---	0.0048	2.82	0.006	0.007	0.007	0.004	0.003	0.004	---	---	10
11	---	---	0.0048	2.01	0.005	0.010	0.006	0.003	0.003	0.004	---	---	11
12	---	---	0.0048	1.37	0.002	0.006	0.005	0.001	0.003	0.004	---	---	12
13	---	---	0.0058	0.814	0.006	0.006	0.006	0.002	0.003	0.004	---	---	13
14	---	---	0.0048	0.514	0.005	0.007	0.006	0.001	0.003	0.004	---	---	14
15	---	---	0.0048	0.339	0.006	0.008	0.004	0.001	0.003	0.004	---	---	15
16	---	---	0.0038	0.261	0.007	0.008	0.006	0.001	0.003	0.004	---	---	16
17	---	---	0.0038	0.240	0.006	0.011	0.004	0.001	0.003	0.002	---	---	17
18	---	---	0.0038	0.186	0.008	0.008	0.002	0.001	0.003	0.003	---	---	18
19	---	---	0.0048	0.091	0.010	0.008	0.007	0.001	0.003	0.003	---	---	19
20	---	---	0.0048	0.083	0.008	0.006	0.006	0.001	0.003	0.003	---	---	20
21	---	---	0.0078	0.072	0.006	0.008	0.003	0.002	0.003	0.003	---	---	21
22	---	---	0.0048	0.068	0.007	0.008	0.008	0.004	0.003	0.003	---	---	22
23	---	---	0.0048	0.068	0.006	0.008	0.007	0.002	0.003	0.078	---	---	23
24	---	---	0.0038	0.034	0.007	0.008	0.007	0.002	0.003	0.012	---	---	24
25	---	---	0.0038	0.026	0.006	0.008	0.004	0.002	0.003	0.012	---	---	25
26	---	---	0.0058	0.018	0.004	0.008	0.002	0.003	0.003	0.030	---	---	26
27	---	---	0.0058	0.017	0.006	0.008	0.004	0.004	0.003	0.006	---	---	27
28	---	---	0.0048	0.016	0.006	0.008	0.003	0.002	0.003	0.007	---	---	28
29	---		0.0048	0.012	0.007	0.009	0.001	0.002	0.003	0.008	---	---	29
30	---		0.0058	0.030	0.006	0.006	0.001	0.004	0.003	0.005	---	---	30
31	---		0.0058		0.007		0.003	0.003		0.006		---	31
TOTAL	---	---	0.137	40.317	0.201	0.233	0.197	0.085	0.079	0.245	---	---	TOTAL
MEAN	---	---	0.004	1.34	0.006	0.006	0.006	0.002	0.003	0.008	---	---	MEAN
MAX	---	---	0.007	10.3	0.013	0.011	0.020	0.004	0.003	0.078	---	---	MAX
MIN	---	---	0.003	0.006	0.002	0.006	0.001	0.001	0.001	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.189
MAXIMUM DAILY, 10.38 ON APR 6
MINIMUM DAILY, 0.001 ON JUL 29
MAXIMUM INSTANTANEOUS,
17.38 AT 11 56 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 56 30 N
LONG 102 43 00 W
DRAINAGE AREA, 255 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17.0
FEB	---	AUG	5.62
MAR	11.0	SEP	6.83
APR	3 480	OCT	21.2
MAY	17.4	NOV	---
JUN	20.0	DEC	---

TOTAL DISCHARGE, 3 580 dam³

COOKSON RESERVOIR NEAR CORONACH - STATION NO. 11AE013

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	752.448	752.423	752.578E	752.895	752.721	752.521A	752.372	752.357	752.194	752.038A	751.897	751.868	1
2	752.448	752.423	752.572A	752.780	752.716	752.514E	752.368	752.348	752.190	752.030	751.895	751.870	2
3	752.445	752.426	752.567E	752.771	752.729	752.508A	752.358	752.335	752.183	752.029	751.893	751.870	3
4	752.446	752.428	752.565E	752.767	752.718	752.497	752.355	752.328	752.173	752.024A	751.888	751.871	4
5	752.447	752.429	752.564E	752.789	752.713	752.497	752.354	752.320	752.168	752.013A	751.891	751.870	5
6	752.448	752.431	752.562E	752.803	752.707	752.497	752.378	752.308	752.164	752.003A	751.891	751.869	6
7	752.450	752.436	752.561E	752.811	752.701	752.493	752.372	752.304	752.156	751.995A	751.892	751.868	7
8	752.447	752.446A	752.560E	752.814	752.693	752.484	752.366	752.299	752.150	751.988A	751.889	751.865	8
9	752.445	752.470A	752.559A	752.811	752.681	752.478	752.363	752.293	752.144	751.981A	751.887	751.862	9
10	752.443	752.495E	752.561E	752.811	752.669A	752.480	752.368	752.287	752.138	751.976A	751.887	751.860	10
11	752.444	752.506E	752.563E	752.808	752.667A	752.482	752.383	752.279	752.132	751.971A	751.887	751.858	11
12	752.443	752.515E	752.564E	752.811	752.660E	752.478	752.386	752.268	752.127	751.967A	751.887	751.855	12
13	752.442	752.525E	752.568E	752.812	752.651E	752.470	752.358	752.265	752.123	751.959A	751.885	751.853	13
14	752.438	752.540E	752.567E	752.808	752.643E	752.483	752.352	752.267	752.119	751.954	751.888	751.851	14
15	752.428	752.552E	752.568E	752.810	752.638E	752.458	752.347	752.278	752.115	751.950	751.885	751.852	15
16	752.428	752.563A	752.570A	752.808	752.628E	752.453	752.338	752.276	752.108	751.947	751.882	751.852	16
17	752.428	752.568E	752.570E	752.806	752.618E	752.446	752.330	752.273	752.103	751.945	751.881	751.848	17
18	752.431	752.567E	752.568E	752.807	752.608E	752.438	752.347	752.270	752.099	751.939	751.878	751.847	18
19	752.428	752.569E	752.568A	752.798	752.591A	752.431	752.358	752.268	752.097	751.936	751.875	751.844	19
20	752.426	752.571E	752.576A	752.781	752.578E	752.438	752.355	752.261	752.094	751.930	751.873	751.844	20
21	752.425	752.573E	752.578	752.784	752.568E	752.431	752.353	752.256	752.089	751.925	751.873	751.843	21
22	752.424	752.576E	752.577	752.781	752.558E	752.427	752.353	752.248	752.086	751.924	751.873	751.841	22
23	752.423	752.578A	752.576	752.773	752.548	752.432	752.350	752.242	752.083	751.918	751.870	751.838	23
24	752.423	752.578E	752.571	752.765	752.547	752.413	752.348	752.237	752.078	751.906	751.868	751.837	24
25	752.423	752.576E	752.571	752.763	752.543	752.401	752.347	752.233	752.068	751.903	751.868	751.837	25
26	752.423	752.578E	752.573	752.788	752.538	752.394	752.340	752.228	752.063	751.895	751.868	751.838	26
27	752.423	752.578E	752.573	752.767	752.536	752.391	752.339	752.223	752.057	751.890	751.868	751.839	27
28	752.423	752.577E	752.577	752.745	752.532	752.388	752.335	752.217	752.055	751.892	751.867	751.837	28
29	752.423		752.580	752.734	752.528E	752.383	752.348	752.210	752.052	751.895	751.868	751.835	29
30	752.422		752.600	752.728	752.525E	752.378	752.364	752.205	752.048	751.896	751.868	751.831	30
31	752.423		752.628		752.523E		752.385	752.199		751.897		751.827	31
MEAN	752.434	752.518	752.572	752.783	752.621	752.452	752.355	752.270	752.115	751.952	751.881	751.851	MEAN
MAX	752.480	752.578	752.628	752.814	752.721	752.521	752.378	752.357	752.194	752.038	751.897	751.871	MAX
MIN	752.422	752.423	752.558	752.895	752.523	752.378	752.330	752.199	752.048	751.890	751.868	751.827	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 752.315
MAXIMUM DAILY, 752.814 ON APR 8
MINIMUM DAILY, 751.827 ON DEC 31
MAXIMUM INSTANTANEOUS,
752.816 AT 12 26 CST ON APR 13

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 03 25 N
LONG 105 28 33 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1975

DRAINAGE AREA
1 370 km²

COTTONWOOD CREEK NEAR LUMSDEN - STATION NO 05JF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 e	0.4298	0	0	0	0	0	0	---	---	1
2	---	---	0 e	0.4148	0	0	0	0	0	0	---	---	2
3	---	---	0 e	0.2688	0	0	0	0	0	0	---	---	3
4	---	---	0 e	0.2708	0	0	0	0	0	0	---	---	4
5	---	---	0 e	0.2238	0	0	0	0	0	0	---	---	5
6	---	---	0.0878	0.181	0	0	0	0	0	0	---	---	6
7	---	---	0.0738	0.122	0	0	0	0	0	0	---	---	7
8	---	---	0.0688	0.072	0	0	0	0	0	0	---	---	8
9	---	---	0.0028	0.035	0	0	0	0	0	0	---	---	9
10	---	---	0.0028	0.017	0	0	0	0	0	0	---	---	10
11	---	---	0.0018	0.010	0	0	0	0	0	0	---	---	11
12	---	---	0 e	0.006	0	0	0	0	0	0	---	---	12
13	---	---	0 e	0.003	0	0	0	0	0	0	---	---	13
14	---	---	0 e	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0 e	0	0	0	0	0	0	0	---	---	15
16	---	---	0 e	0	0	0	0	0	0	0	---	---	16
17	---	---	0 e	0	0	0	0	0	0	0	---	---	17
18	---	---	0 e	0	0	0	0	0	0	0	---	---	18
19	---	---	0.0018	0	0	0	0	0	0	0	---	---	19
20	---	---	0.0138	0	0	0	0	0	0	0	---	---	20
21	---	---	0.1888	0	0	0	0	0	0	0	---	---	21
22	---	---	0.5848	0	0	0	0	0	0	0	---	---	22
23	---	---	0.7858	0	0	0	0	0	0	0	---	---	23
24	---	---	0.5498	0	0	0	0	0	0	0	---	---	24
25	---	---	1.00 e	0	0	0	0	0	0	0	---	---	25
26	---	---	0.9318	0	0	0	0	0	0	0	---	---	26
27	---	---	0.8208	0	0	0	0	0	0	0	---	---	27
28	---	---	0.4828	0	0	0	0	0	0	0	---	---	28
29	---		0.4368	0	0	0	0	0	0	0	---	---	29
30	---		0.4628	0	0	0	0	0	0	0	---	---	30
31	---		0.4688		0		0	0		0		---	31
TOTAL	---	---	7.101	2.061	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.229	0.069	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.00	0.429	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.037
MAXIMUM DAILY 1.00 e ON MAR 25
MINIMUM DAILY 0 e ON MAR 1
MAXIMUM INSTANTANEOUS
1.388 AT 14 58 CST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 36 N
LONG 104 54 31 W
DRAINAGE AREA 815 km²

e - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	614	SEP	0
APR	178	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 792 dam³

COWAN LAKE NEAR HONEYMOON POINT - STATION NO 06AE002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	476.218	476.180	476.252	476.254	476.243	476.182	---	1
2	---	---	---	---	---	476.218	476.178	476.254	476.252	476.207	476.184	---	2
3	---	---	---	---	---	476.208	476.170	476.254	476.257	476.219	476.184	---	3
4	---	---	---	---	---	476.206	476.162	476.248	476.263	476.217	476.188	---	4
5	---	---	---	---	476.255	476.188	476.192	476.238	476.257	476.207	---	---	5
6	---	---	---	---	476.226	476.180	476.190	476.238	476.261	476.207	---	---	6
7	---	---	---	---	476.230	476.188	476.184	476.236	476.257	476.197	---	---	7
8	---	---	---	---	476.224	476.198	476.187	476.235	476.255	476.217	---	---	8
9	---	---	---	---	476.218	476.184	476.187	476.236	476.247	476.205	---	---	9
10	---	---	---	---	476.220	476.196	476.213	476.237	476.263	476.198	---	---	10
11	---	---	---	---	476.216	476.207	476.205	476.256	476.253	476.198	---	---	11
12	---	---	---	---	476.198	476.201	476.187	476.262	476.247	476.201	---	---	12
13	---	---	---	---	476.205	476.207	476.196	476.259	476.246	476.207	---	---	13
14	---	---	---	---	476.198	476.206	476.210	476.255	476.245	476.198	---	---	14
15	---	---	---	---	476.206	476.188	476.227	476.258	476.247	476.198	---	---	15
16	---	---	---	---	476.198	476.188	476.238	476.257	476.247	476.188	---	---	16
17	---	---	---	---	476.196	476.202	476.237	476.257	476.241	476.198	---	---	17
18	---	---	---	---	476.178	476.196	476.237	476.259	476.238	476.200	---	---	18
19	---	---	---	---	476.186	476.186	476.238	476.257	476.238	476.196	---	---	19
20	---	---	---	---	476.188	476.186	476.253	476.256	476.236	476.200	---	---	20
21	---	---	---	---	476.183	476.183	476.258	476.260	476.236	476.196	---	---	21
22	---	---	---	---	476.185	476.196	476.256	476.258	476.236	476.187	---	---	22
23	---	---	---	---	476.181	476.183	476.256	476.258	476.234	476.200	---	---	23
24	---	---	---	---	476.181	476.176	476.254	476.258	476.230	476.192	---	---	24
25	---	---	---	---	476.173	476.172	476.256	476.258	476.222	476.200	---	---	25
26	---	---	---	---	476.181	476.186	476.252	476.260	476.226	476.196	---	---	26
27	---	---	---	---	476.178	476.184	476.256	476.258	476.232	476.202	---	---	27
28	---	---	---	---	476.180	476.186	476.256	476.260	476.224	476.186	---	---	28
29	---		---	---	476.186	476.184	476.256	476.254	476.220	476.182	---	---	29
30	---		---	---	476.186	476.188	476.254	476.256	476.212	476.180	---	---	30
31	---		---		476.202		476.252	476.256		476.186		---	31
MEAN	---	---	---	---	---	476.191	476.224	476.253	476.242	476.201	---	---	MEAN
MAX	---	---	---	---	---	476.218	476.256	476.264	476.263	476.243	---	---	MAX
MIN	---	---	---	---	---	476.184	476.170	476.235	476.212	476.180	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY 476.264 ON AUG 29
MINIMUM DAILY 476.184 ON JUN 27

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 57 52 N
LONG 107 12 24 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CREE LAKE AT CABLE BAY - STATION NO 07LD001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	486 703	486 695	486 823	486 882	486 787	486 762	486 740	486 743	486 822	486 573	486 520	486 526	1
2	486 700	486 693	486 828	486 880	486 788	486 770	486 738	486 745	486 819	486 543	486 506	486 524	2
3	486 699	486 694	486 834	486 857	486 788	486 772	486 738	486 838	486 822	486 551	486 488	486 522	3
4	486 709	486 700	486 834	486 858	486 792	486 780	486 748	486 891	486 813	486 552	486 499	486 522	4
5	486 705	486 708	486 827	486 845	486 791	486 788	486 748	486 898	486 809	486 550	486 509	486 522	5
6	486 704	486 714	486 828	486 849	486 791	486 787	486 748	486 888	486 880	486 558	486 532	486 528	6
7	486 697	486 717	486 825	486 835	486 791	486 780	486 742	486 880	486 800	486 518	486 524	486 526	7
8	486 697	486 718	486 831	486 833	486 782	486 783	486 741	486 887	486 818	486 582	486 516	486 521	8
9	486 696	486 719	486 836	486 828	486 784	486 787	486 758	486 886	486 818	486 538	486 514	486 524	9
10	486 693	486 733	486 836	486 822	486 791	486 787	486 738	486 887	486 818	486 545	486 505	486 531	10
11	486 697	486 741	486 837	486 820	486 781	486 762	486 725	486 871	486 815	486 552	486 518	486 526	11
12	486 703	486 752	486 843	486 815	486 755	486 771	486 723	486 836	486 813	486 536	486 508	486 525	12
13	486 688	486 776	486 848	486 822	486 751	486 728	486 730	486 828	486 589	486 512	486 520	486 524	13
14	486 694	486 785	486 851	486 817	486 781	486 753	486 729	486 849	486 802	486 539	486 531	486 528	14
15	486 694	486 788	486 858	486 816	486 742	486 770	486 732	486 864	486 826	486 547	486 508	486 533	15
16	486 680	486 784	486 850	486 812	486 750	486 772	486 748	486 845	486 588	486 530	486 490	486 531	16
17	486 692	486 800	486 885	486 810	486 758	486 749	486 761	486 847	486 587	486 502	486 505	486 531	17
18	486 696	486 803	486 888	486 812	486 760	486 759	486 736	486 837	486 800	486 511	486 499	486 533	18
19	486 690	486 805	486 889	486 807	486 776	486 758	486 726	486 834	486 800	486 532	486 486	486 533	19
20	486 696	486 809	486 876	486 809	486 784	486 766	486 715	486 838	486 591	486 532	486 515	486 530	20
21	486 683	486 811	486 871	486 809	486 758	486 766	486 713	486 824	486 587	486 538	486 509	486 530	21
22	486 704	486 818	486 873	486 804	486 761	486 758	486 705	486 824	486 589	486 525	486 507	486 538	22
23	486 700	486 820	486 873	486 802	486 763	486 733	486 724	486 819	486 589	486 516	486 515	486 532	23
24	486 700	486 818	486 872	486 798	486 788	486 731	486 718	486 824	486 580	486 488	486 514	486 542	24
25	486 694	486 818	486 876	486 798	486 780	486 734	486 712	486 821	486 582	486 493	486 510	486 545	25
26	486 694	486 820	486 873	486 795	486 788	486 742	486 715	486 818	486 578	486 499	486 513	486 547	26
27	486 696	486 828	486 888	486 802	486 771	486 738	486 704	486 820	486 587	486 519	486 515	486 548	27
28	486 697	486 826	486 888	486 784	486 778	486 741	486 707	486 809	486 561	486 514	486 514	486 550	28
29	486 686		486 888	486 788	486 772	486 748	486 708	486 818	486 587	486 518	486 516	486 550	29
30	486 697		486 877	486 786	486 773	486 744	486 707	486 816	486 552	486 526	486 519	486 543	30
31	486 695		486 871		486 772		486 707	486 818		486 548		486 544	31
MEAN	486 697	486 768	486 853	486 818	486 771	486 756	486 728	486 853	486 598	486 535	486 511	486 533	MEAN
MAX	486 709	486 826	486 877	486 882	486 788	486 772	486 756	486 745	486 825	486 818	486 532	486 550	MAX
MIN	486 680	486 693	486 823	486 784	486 742	486 728	486 704	486 809	486 561	486 488	486 488	486 521	MIN

WATER LEVELS IN METRES

MEAN 486 685
MAXIMUM DAILY 486 877 ON MAR 30
MINIMUM DAILY 486 488 ON NOV 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 21 00 N
LONG 107 08 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CREE RIVER AT OUTLET OF WAPATA LAKE - STATION NO 07LD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	113	105	111	115	204	151	122	110	102	105	105	87 9	1
2	113	105	111	116	201	149	122	110	102	106	105	88 1	2
3	114	105	111	116	199	149	123	109	103	105	104	88 0	3
4	114	105	111	116	198	148	123	109	103	104	102	87 2	4
5	113	105	111	116	194	147	122	109	104	104	97 3	88 0	5
6	112	106	111	116	192	146	122	108	104	104	93 6	88 1	6
7	112	106	112	116	189	144	120	109	105	105	91 1	87 2	7
8	112	106	112	116	188	143	120	108	107	103	87 4	86 7	8
9	112	107	111	116	185	142	118	108	108	102	84 6	84 1	9
10	112	107	111	120	182	142	117	108	108	102	83 7	83 3	10
11	112	108	110	121	179	143	116	108	110	101	86 7	83 5	11
12	113	108	109	122	177	143	115	108	110	101	91 0	83 5	12
13	113	109	109	122	176	143	114	108	110	100	94 7	84 1	13
14	113	110	109	122	174	143	113	108	110	101	96 1	84 4	14
15	113	111	109	123	172	143	113	108	110	102	95 9	84 7	15
16	113	110	109	124	171	143	113	108	111	102	95 2	84 7	16
17	112	108	109	125	170	141	113	107	110	101	93 2	85 4	17
18	108	107	110	127	168	141	113	108	110	101	90 9	85 3	18
19	109	107	110	128	167	139	113	105	110	101	88 8	85 4	19
20	108	108	111	133	165	138	112	104	110	102	83 2	85 4	20
21	107	108	111	136	163	137	111	103	110	102	80 7	85 5	21
22	108	108	111	140	163	135	111	102	109	101	77 9	85 3	22
23	105	109	111	146	161	134	111	102	108	101	76 6	84 8	23
24	105	109	112	153	160	131	111	102	108	99 8	76 1	84 0	24
25	105	109	113	161	160	130	110	102	108	98 0	75 8	83 5	25
26	105	110	113	170	158	130	110	102	107	99 2	77 1	83 4	26
27	105	110	114	178	158	128	110	102	108	101	80 3	83 7	27
28	105	111	115	188	157	127	109	102	105	103	83 1	84 1	28
29	104		116	201	156	126	110	101	105	104	85 4	84 1	29
30	105		116	207	155	124	111	101	105	104	86 8	84 1	30
31	105		116		153		111	102		105		83 8	31
TOTAL	3 388	3 017	3 455	4 103	5 380	4 179	3 560	3 272	3 221	3 169 8	2 686 8	2 640 4	TOTAL
MEAN	110	108	111	137	174	139	115	106	107	102	86 8	85 2	MEAN
MAX	114	111	116	207	204	151	123	110	111	105	105	88 1	MAX
MIN	104	105	109	115	153	124	109	101	102	98 0	75 6	83 3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 115
MAXIMUM DAILY 207 ON APR 30
MINIMUM DAILY 75 6 ON NOV 25
MAXIMUM INSTANTANEOUS
207 AT 16 32 CST ON APR 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 51 30 N
LONG 105 49 10 W
DRAINAGE AREA 20 700 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	294 000	JUL	308 000
FEB	261 000	AUG	283 000
MAR	298 000	SEP	278 000
APR	354 000	OCT	274 000
MAY	466 000	NOV	230 000
JUN	361 000	DEC	228 000

TOTAL DISCHARGE 3 840 000 dam³

CREIGHTON TRIBUTARY NEAR TOTNES - STATION NO 05HP014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 0098	0 002	0	0	0	0	0	---	---	1
2	---	---	0 B	0 005	0 002	0	0	0	0	0	---	---	2
3	---	---	0 0028	0 007	0 002	0	0	0	0	0	---	---	3
4	---	---	0 0068	0 009	0 002	0	0	0	0	0	---	---	4
5	---	---	0 0188	0 011	0 001	0	0	0	0	0	---	---	5
6	---	---	0 0288	0 008	0 001	0	0	0	0	0	---	---	6
7	---	---	0 0218	0 007	0 001	0	0	0	0	0	---	---	7
8	---	---	0 0118	0 006	0 001	0	0	0	0	0	---	---	8
9	---	---	0.0018	0 004	0 001	0	0	0	0	0	---	---	9
10	---	---	0 0038	0 006	0 001	0	0	0	0	0	---	---	10
11	---	---	0 0068	0 006	0 001	0	0	0	0	0 001	---	---	11
12	---	---	0 B	0 003	0 001	0	0	0	0	0 001	---	---	12
13	---	---	0 B	0 003	0 001	0	0	0	0	0	---	---	13
14	---	---	0 B	0 004	0 001	0	0	0	0	0	---	---	14
15	---	---	0.0048	0 003	0 001	0	0	0	0	0	---	---	15
16	---	---	0.0158	0.003	0 001	0	0	0	0	0	---	---	16
17	---	---	0.0808	0.003	0.001	0	0	0	0	0 001	---	---	17
18	---	---	0.0618	0.012	0 001	0	0	0	0	0	---	---	18
19	---	---	0 0308	0 007	0 001	0	0	0	0	0	---	---	19
20	---	---	0 0158	0 004	0 001	0	0	0	0	0	---	---	20
21	---	---	0 0178	0 002	0 001	0	0	0	0	0 001	---	---	21
22	---	---	0 0178	0 002	0 001	0	0	0	0	0 001	---	---	22
23	---	---	0 0058	0 002	0 001	0	0	0	0	0 001	---	---	23
24	---	---	0 0068	0 003	0 001	0	0	0	0	0 001	---	---	24
25	---	---	0 0158	0 002	0 001	0	0	0	0	0 001	---	---	25
26	---	---	0 0028	0 002	0 001	0	0	0	0	0	---	---	26
27	---	---	0 B	0 002	0 001	0	0	0	0	0	---	---	27
28	---	---	0 B	0 002	0 001	0	0	0	0	0 001A	---	---	28
29	---		0 B	0 002	0	0	0	0	0	0 001E	---	---	29
30	---		0 0018	0 002	0	0	0	0	0	0 001E	---	---	30
31	---		0 0048		0		0	0		0 001E		---	31
TOTAL	---	---	0 388	0 142	0 032	0	0	0	0	0 012	---	---	TOTAL
MEAN	---	---	0 012	0 005	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.080	0 012	0 002	0	0	0	0	0 001	---	---	MAX
MIN	---	---	0	0 002	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 002
MAXIMUM DAILY 0 0808 ON MAR 17
MINIMUM DAILY 0B ON MAR 1
MAXIMUM INSTANTANEOUS
0 1218 AT 00 13 CST ON MAR 18

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 08 N
LONG 108 37 03 W
DRAINAGE AREA 13 2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	31 9	SEP	0
APR	12 3	OCT	1 04
MAY	2 78	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 48 0 dam³

CROMARTY CREEK NEAR BIRCH HILLS - STATION NO 05HN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0 029	0	0	0	0	0	---	---	2
3	---	---	0B	0 0108	0 004	0	0	0	0	0	---	---	3
4	---	---	0B	0 0308	0	0	0	0	0	0	---	---	4
5	---	---	0B	2 35 B	0	0	0	0	0	0	---	---	5
6	---	---	0B	4 50 B	0	0	0	0	0	0	---	---	6
7	---	---	0B	3 06	0	0	0	0	0	0	---	---	7
8	---	---	0B	0 858	0	0	0	0	0	0	---	---	8
9	---	---	0B	0 158	0	0	0	0	0	0	---	---	9
10	---	---	0B	0 078	0	0	0	0	0	0	---	---	10
11	---	---	0B	0 047	0	0	0	0	0	0	---	---	11
12	---	---	0B	0 032	0	0	0	0	0	0	---	---	12
13	---	---	0B	0 008	0	0	0	0	0	0	---	---	13
14	---	---	0B	0 011	0	0	0	0	0	0	---	---	14
15	---	---	0B	0 012	0	0	0	0	0	0	---	---	15
16	---	---	0B	0 013	0	0	0	0	0	0	---	---	16
17	---	---	0B	0 008	0	0	0	0	0	0	---	---	17
18	---	---	0B	0 005	0	0	0	0	0	0	---	---	18
19	---	---	0B	0 004	0	0	0	0	0	0	---	---	19
20	---	---	0B	0 004	0	0	0	0	0	0	---	---	20
21	---	---	0B	0 003	0	0	0	0	0	0	---	---	21
22	---	---	0B	0 001	0	0	0	0	0	0	---	---	22
23	---	---	0B	0 001	0	0	0	0	0	0	---	---	23
24	---	---	0B	0 193	0	0	0	0	0	0	---	---	24
25	---	---	0B	0 002	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---		0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0A	---	---	30
31	---		0B		0		0	0		0E	---	---	31
TOTAL	---	---	0	11 381	0 033	0	0	0	0	0E		---	TOTAL
MEAN	---	---	0	0 375	0 001	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	4 50	0 029	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 047
MAXIMUM DAILY 4 50B ON APR 6
MINIMUM DAILY 0B ON MAR 1
MAXIMUM INSTANTANEOUS
5 28B AT 23 42 CST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 57 32 N
LONG 105 28 18 W
DRAINAGE AREA 71 9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	983	OCT	0
MAY	3 86	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 989 dam³

CROOKED HILL CREEK NEAR CANORA - STATION NO 05MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0238	0.100	0.004	0	0.022	0.004	0	0.004	---	1
2	---	---	0 B	0.0428	0.085	0.002	0	0.027	0.004	0	0.002	---	2
3	---	---	0 B	0.5218	0.076	0.002	0	0.019	0.002	0	0.002A	---	3
4	---	---	0 B	2.27 B	0.072	0	0	0.008	0.002	0.001	---	---	4
5	---	---	0 B	8.82	0.060	0	0	0.017	0.002	0	---	---	5
6	---	---	0 B	12.1	0.050	0	0.033	0.034	0.001	0.001	---	---	6
7	---	---	0 B	12.3	0.039	0	1.78 E	0.077	0	0.001	---	---	7
8	---	---	0 B	9.35	0.033	0	0.337A	0.06"	0	0.003	---	---	8
9	---	---	0 B	7.51	0.027	0	0.765A	0.038	0	0.001	---	---	9
10	---	---	0 B	5.96	0.023	0	1.22 E	0.031	0	0	---	---	10
11	---	---	0 B	4.24	0.020	0	0.880	0.038	0.001	0	---	---	11
12	---	---	0 B	3.67	0.015	0	0.625	0.036	0	0	---	---	12
13	---	---	0 B	2.97	0.012	0	0.488	0.031	0	0	---	---	13
14	---	---	0 B	2.41	0.011	0	0.469	0.028	0	0	---	---	14
15	---	---	0 B	2.04	0.008	0	0.482	0.028	0	0	---	---	15
16	---	---	0 B	1.78	0.003	0	0.440	0.027	0	0	---	---	16
17	---	---	0 B	1.62	0.003	0	0.517	0.054	0.008	0	---	---	17
18	---	---	0 B	1.25	0.002	0	0.542	0.068	0.001	0	---	---	18
19	---	---	0 B	1.27	0.002	0	0.470	0.059	0	0	---	---	19
20	---	---	0 B	0.917	0.005	0	0.402	0.054	0	0.001	---	---	20
21	---	---	0 0098	0.820	0.002	0	0.380	0.068	0	0.001	---	---	21
22	---	---	0 0728	0.588	0.001	0	0.384	0.048	0	0.003	---	---	22
23	---	---	0 0708	0.526	0	0	0.301	0.034	0	0.002	---	---	23
24	---	---	0 0218	0.551	0	0	0.281	0.028	0	0.002	---	---	24
25	---	---	0 0488	0.421	0	0	0.212	0.021	0	0.005	---	---	25
26	---	---	0 1808	0.323	0	0	0.137	0.015	0	0.007	---	---	26
27	---	---	0 2008	0.280	0	0	0.078	0.010	0.001	0.005	---	---	27
28	---	---	0 0338	0.189	0.002	0	0.051	0.007	0.001	0.005	---	---	28
29	---		0 0148	0.151	0.003	0	0.034	0.008	0	0.004	---	---	29
30	---		0 0138	0.119	0.001	0	0.025	0.005	0	0.002	---	---	30
31	---		0 0208		0		0.020	0.005		0.003		---	31
TOTAL	---	---	0.850	82.711	0.891	0.008	11.883	1.016	0.025	0.047	---	---	TOTAL
MEAN	---	---	0.021	2.75	0.021	0	0.383	0.033	0.001	0.002	---	---	MEAN
MAX	---	---	0.200	12.3	0.100	0.004	1.78	0.077	0.005	0.007	---	---	MAX
MIN	---	---	0	0.023	0	0	0	0.005	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.399
MAXIMUM DAILY, 12.3 ON APR 7
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
14.1 AT 20 55 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 48 N
LONG 102 25 41 W
DRAINAGE AREA, 582 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 030
FEB	---	AUG	87.8
MAR	55.2	SEP	2.16
APR	7 150	OCT	4.06
MAY	55.2	NOV	---
JUN	0.89	DEC	---

TOTAL DISCHARGE, 8 390 dam³

CROOKED LAKE NEAR GRAYSON - STATION NO 05JM005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	450 713	450 762	450 788	451 438	451 778	451 788	451 737	451 734	451 544	451 480	451 185	451 181	1
2	450 718	450 763	450 789	451 475	451 781	451 788A	451 729	451 724	451 538	451 467	451 185	451 155	2
3	450 719	450 770	450 791	451 515	451 786	451 788E	451 720	451 710	451 540	451 477	451 188	451 152	3
4	450 720	450 775	450 794	451 550	451 788	451 770E	451 722	451 694	451 531	451 486	451 143	451 152	4
5	450 723	450 773	450 797	451 590	451 794	451 770E	451 722	451 687	451 529	451 472	451 150	451 149	5
6	450 728	450 774	450 802	451 628	451 793	451 771A	451 758	451 682	451 529	451 470	451 150	451 148	6
7	450 736	450 773	450 806	451 668	451 793	451 771	451 759	451 675	451 523	451 457	451 155	451 145	7
8	450 729	450 771	450 806	451 687	451 798	451 783	451 750	451 671	451 519	451 441	451 181	451 145	8
9	450 737	450 774	450 807	451 692	451 794	451 787	451 758	451 685	451 511	451 431	451 184	451 144	9
10	450 745	450 772	450 811	451 694	451 797	451 788	451 780	451 659	451 512	451 418	451 188	451 143	10
11	450 754	450 771	450 818	451 689	451 791	451 784	451 788	451 658	451 511	451 415	451 176	451 144	11
12	450 760	450 770	450 831	451 695	451 794	451 787	451 787	451 645	451 503	451 413	451 183	451 141	12
13	450 761	450 768	450 850	451 698	451 792	451 788	451 782	451 632	451 503	451 405	451 185	451 140	13
14	450 764	450 772	450 868	451 693	451 786	451 752	451 780	451 629	451 503	451 402	451 188	451 135	14
15	450 771	450 778	450 885	451 695	451 789	451 744	451 784	451 630	451 501	451 398	451 195	451 127	15
16	450 778	450 778	450 903	451 692	451 788	451 737	451 785	451 623	451 508E	451 387	451 197	451 122	16
17	450 783	450 778	450 919	451 688	451 782	451 739	451 744	451 621	451 517	451 380	451 194	451 120	17
18	450 788	450 775	450 942	451 684	451 780	451 730	451 738	451 617	451 518	451 371	451 178	451 113	18
19	450 786	450 778	450 966	451 688	451 785	451 725	451 748	451 607	451 508	451 382	451 176	451 109	19
20	450 801	450 775	450 986	451 681	451 781	451 724A	451 745	451 604	451 497	451 348	451 178	451 109	20
21	450 808	450 778E	451 018	451 678	451 771	451 725E	451 738	451 597	451 495	451 318	451 178	451 104	21
22	450 805	450 777	451 038	451 683	451 769	451 725E	451 733	451 588	451 493	451 307	451 179	451 103	22
23	450 804	450 777	451 064	451 707	451 787	451 724E	451 734	451 579	451 491	451 293	451 176	451 099	23
24	450 803	450 778	451 085	451 720	451 787	451 731A	451 734	451 576	451 481	451 271	451 176	451 098	24
25	450 801	450 778	451 124	451 738	451 788	451 725	451 734	451 574	451 483	451 268	451 178	451 101	25
26	450 803	450 782	451 159	451 748	451 784	451 717	451 732	451 568	451 480	451 247	451 178	451 104	26
27	450 801	450 782	451 202	451 754	451 788	451 714	451 734	451 567	451 484E	451 241	451 172	451 102	27
28	450 788	450 787	451 243	451 757	451 788	451 724	451 732	451 561	451 488	451 225	451 170	451 105	28
29	450 783		451 282	451 759	451 788	451 735	451 725	451 559	451 482	451 208	451 167	451 105	29
30	450 788		451 342	451 775	451 787	451 729	451 735	451 555	451 481	451 189	451 184	451 108	30
31	450 788		451 392		451 784		451 741	451 545		451 178		451 100	31
MEAN	450 788	450 778	450 365	451 573	451 781	451 745	451 743	451 627	451 507	451 381	451 172	451 125	MEAN
MAX	450 808	450 787	451 392	451 775	451 788	451 771	451 780	451 734	451 544	451 480	451 197	451 181	MAX
MIN	450 713	450 788	450 788	451 438	451 784	451 714	451 720	451 545	451 480	451 178	451 143	451 088	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 451 365
MAXIMUM DAILY, 451 788 ON MAY 8
MINIMUM DAILY, 450 713 ON JAN 1
MAXIMUM INSTANTANEOUS,
451 803 AT 14 39 CST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 33 N
LONG 102 40 42 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1944

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CRYSTAL CREEK NEAR IPPLEY - STATION NO 05EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1408	0.2808	0.303	0.137	0.366	0.096	0.129	0.063	---	---	1
2	---	---	0.1408	0.3608	0.318	0.141	0.331	0.124	0.130	0.075	---	---	2
3	---	---	0.1408	0.4958	0.336	0.154	0.349	0.223	0.205	0.050	---	---	3
4	---	---	0.1408	0.6568	0.315	0.159	0.347	0.247	0.237	0.038	---	---	4
5	---	---	0.1408	1.09 B	0.307	0.151	0.304	0.381	0.181	0.052	---	---	5
6	---	---	0.1408	1.79 B	0.285	0.109	0.362	0.638	0.202	0.042	---	---	6
7	---	---	0.1408	3.25 B	0.295	0.087	0.401	0.555	0.174	0.066	---	---	7
8	---	---	0.1408	3.54	0.277	0.072	0.327	0.305	0.088	0.088	---	---	8
9	---	---	0.1408	2.66	0.282	0.072	0.224	0.212	0.158	0.107	---	---	9
10	---	---	0.1408	2.03	0.278	0.081	0.758	0.306	0.203	0.118	---	---	10
11	---	---	0.1408	1.61	0.256	0.123	0.188	0.450	0.181	0.125	---	---	11
12	---	---	0.1408	1.28	0.227	0.124	0.186	0.409	0.187	0.130	---	---	12
13	---	---	0.1408	1.18	0.248	0.082	0.117	0.314	0.148	0.128	---	---	13
14	---	---	0.1408	1.04	0.263	0.081	0.078	0.371	0.170	0.133	---	---	14
15	---	---	0.1408	0.830	0.235	0.068	0.102	0.327	0.126	0.131	---	---	15
16	---	---	0.1408	0.592	0.204	0.108	0.078	0.383	0.073	0.137	---	---	16
17	---	---	0.1408	0.478	0.229	0.234	0.071	0.273	0.076	0.111	---	---	17
18	---	---	0.1388	0.523	0.217	0.218	0.088	0.209	0.159	0.106	---	---	18
19	---	---	0.1388	0.488	0.220	0.226	0.157	0.209	0.181	0.108	---	---	19
20	---	---	0.1388	0.515	0.200	0.205	0.248	0.255	0.172	0.138	---	---	20
21	---	---	0.1388	0.538	0.205	0.228	0.228	0.245	0.188	0.154	---	---	21
22	---	---	0.1388	0.501	0.183	0.218	0.218	0.280	0.172	0.169	---	---	22
23	---	---	0.1388	0.478	0.206	0.208	0.172	0.289	0.177	0.167	---	---	23
24	---	---	0.1388	0.725	0.184	0.142	0.228	0.268	0.180	0.167	---	---	24
25	---	---	0.1388	0.473	0.178	0.235	0.188	0.221	0.170	0.178	---	---	25
26	---	---	0.1388	0.233	0.181	0.408	0.181	0.180	0.138	0.188A	---	---	26
27	---	---	0.1388	0.380	0.170	0.438	0.108	0.243	0.087	0.184E	---	---	27
28	---	---	0.1408	0.330	0.184	0.402	0.085	0.183	0.088	0.184E	---	---	28
29	---		0.1488	0.325	0.177	0.411	0.087	0.137	0.038	0.184E	---	---	29
30	---		0.1678	0.312	0.177	0.431	0.087	0.170	0.014	0.184E	---	---	30
31	---		0.2068		0.170		0.081	0.138		0.184E		---	31
TOTAL	---	---	4.436	28.087	7.310	5.893	5.220	8.658	4.370	3.788	---	---	TOTAL
MEAN	---	---	0.143	0.969	0.236	0.190	0.201	0.279	0.146	0.122	---	---	MEAN
MAX	---	---	0.206	3.54	0.336	0.438	0.401	0.636	0.237	0.178	---	---	MAX
MIN	---	---	0.139	0.233	0.164	0.068	0.081	0.098	0.014	0.038	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.284
MAXIMUM DAILY, 3.54 ON APR 8
MINIMUM DAILY, 0.014 ON SEP 30
MAXIMUM INSTANTANEOUS,
3.78 AT 06 08 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 47 N
LONG 108 08 23 W
DRAINAGE AREA, 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	537
FEB	---	AUG	748
MAR	383	SEP	378
APR	2 510	OCT	327
MAY	632	NOV	---
JUN	492	DEC	---

TOTAL DISCHARGE, 8 010 dam³

CUMBERLAND LAKE NEAR CUMBERLAND HOUSE - STATION NO 05KH002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	285.687	286.028	285.984	285.788	285.697	284.987	284.706	285.100	284.804	284.774	284.788	284.911	1
2	285.911	286.023	285.972	285.758	285.686	285.051	284.590	285.021	284.616	284.536	284.776	284.887	2
3	286.909	286.030	285.984	285.758	285.805	284.986	284.494	284.986	284.803	284.680	284.706	285.027	3
4	285.886	286.042	285.980	285.747	285.530	284.981	284.423	284.726	285.026	284.798	284.798	285.171	4
5	285.881	286.048	285.958	285.719	285.556	285.022	284.584	284.729	284.980	284.748	284.705	285.136	5
6	285.852	286.035	285.883	285.715	285.501	285.105	284.588	284.685	284.900	284.683	284.856	285.049	6
7	285.876	286.021	285.988	285.709	285.503	285.158	284.545	284.601	284.771	284.778	284.837	285.031	7
8	285.924	286.000	285.974	285.748	285.503	285.079	284.532	284.623	284.767	285.068	284.837	284.949	8
9	285.938	285.973	285.953	285.648	285.487	285.038	284.614	284.641	284.787	284.958	285.048	284.842	9
10	285.947	285.957	285.946	285.587	285.454	284.980	284.725	284.682	284.868	284.647	285.081	285.057	10
11	285.950	285.942	285.952	285.572	285.390	285.108	284.578	284.778	285.002	284.855	284.978	285.087	11
12	285.921	285.932	285.985	285.573	285.341	285.158	284.637	284.723	285.047	284.773	284.845	285.186	12
13	285.876	285.944	285.978	285.578	285.319	285.184	284.600	284.622	284.985	284.563	284.772	285.271	13
14	285.872	285.985	285.981	285.578	285.338	285.144	284.593	284.685	284.932	284.680	284.714	285.308	14
15	285.927	286.013	285.978	285.557	285.384	285.070	284.590	284.988	284.886	284.755	284.749	285.334	15
16	285.984	285.981	285.959	285.540	285.387	285.032	284.594	284.903	284.873	284.832	284.839	285.305	16
17	285.972	285.972	285.947	285.523	285.381	285.108	284.748	284.808	284.927	284.898	284.888	285.270	17
18	286.000	285.987	285.984	285.511	285.324	285.025	284.824	284.964	284.978	284.889	284.905	285.258	18
19	285.983	285.978	285.988	285.527	285.278	284.908	284.744	284.958	285.010	284.842	284.791	285.301	19
20	286.009	285.980	285.978	285.514	285.338	284.931	284.882	284.952	285.038	284.759	284.835	285.333	20
21	286.034	285.983	285.990	285.785	285.281	284.841	284.883	285.028	285.018	284.837	284.897	285.342	21
22	286.027	285.978	285.978	285.804	285.323	284.749	284.840	285.053	285.033	284.810	284.948	285.336	22
23	286.018	285.958	285.988	285.802	285.287	284.738	284.838	284.959	285.083	284.703	285.034	285.345	23
24	286.038	285.943	285.940	285.815	285.214	284.883	284.871	284.887	284.981	284.808	284.881	285.358	24
25	286.052	285.948	285.925	285.823	285.111	284.778	284.779	284.882	284.842	284.753	284.952	285.348	25
26	286.062	285.980	285.905	285.783	285.040	284.810	284.846	284.858	284.822	284.792	284.958	285.381	26
27	286.062	285.970	285.894	285.709	285.018	284.845	284.827	284.885	284.840	284.793	284.984	285.398	27
28	286.062	285.995	285.893	285.721	285.131	284.894	284.909	284.919	284.728	284.783	284.986	285.291	28
29	286.039		285.853	285.688	285.124	284.908	284.952	284.987	284.736	284.801	284.917	285.293	29
30	286.017		285.811	285.703	285.188	284.580	284.934	284.980	284.600	284.694	284.879	285.252	30
31	286.031		285.811		285.122		284.843	284.902		284.784		285.386	31
MEAN	285.985	285.985	285.944	285.793	285.348	284.938	284.893	284.884	284.902	284.781	284.880	285.210	MEAN
MAX	286.062	286.048	285.994	285.887	285.697	285.184	285.043	285.100	285.083	285.068	285.081	285.386	MAX
MIN	285.852	285.932	285.811	285.688	285.018	284.580	284.484	284.601	284.600	284.536	284.705	284.911	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 285.288
MAXIMUM DAILY, 286.062 ON JAN 26
MINIMUM DAILY, 284.484 ON JUL 3
MAXIMUM INSTANTANEOUS,
286.077 AT 11 40 CST ON JAN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 30 N
LONG 102 17 48 W

REGULATED

WATER LEVELS ARE REFERRED TO PROVINCE OF SASKATCHEWAN DATUM

CYPRESS LAKE - STATION NO 11AC037

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	972.347	972.936	973.418	973.117	972.985	972.911	972.880	972.795	---	---	1
2	---	---	972.349	972.984	973.418	973.101	972.979	972.910	972.880	972.790	---	---	2
3	---	---	972.351	972.983	973.414	973.085	972.978	972.908	972.878	972.790	---	---	3
4	---	---	972.355	973.031	973.419	973.087	972.978	972.903	972.879	972.783	---	---	4
5	---	---	972.382	973.073	973.418	973.087	972.965	972.904	972.881	972.791	---	---	5
6	---	---	972.383	973.124	973.418	973.085	972.957	972.904	972.878	972.791	---	---	6
7	---	---	972.487	973.172	973.410	973.083	972.957	972.902	972.878	972.785	---	---	7
8	---	---	972.512	973.211	973.407	973.075	972.955	972.901	972.877	972.785	---	---	8
9	---	---	972.546	973.241	973.404	973.069	972.954	972.897	972.872	972.783E	---	---	9
10	---	---	972.578	973.284	973.397	973.078	972.951	972.894	972.870	972.781E	---	---	10
11	---	---	972.599	973.277	973.390	973.070	972.935	972.891	972.869	972.778E	---	---	11
12	---	972.308A	972.614	973.294	973.381	973.069	972.934	972.875	972.869	972.777E	---	---	12
13	---	972.302	972.626	973.309	973.372	973.060	972.932	972.875	972.884	972.775E	---	---	13
14	---	972.306	972.649	973.326A	973.365	973.045	972.926	972.881	972.880	972.772E	---	---	14
15	---	972.313	972.667	973.342E	973.361	973.044	972.926	972.886	972.858	972.770E	---	---	15
16	---	972.317	972.690	973.358E	973.351	973.042	972.917	972.886	972.853	972.788E	---	---	16
17	---	972.322	972.711	973.372E	973.341	973.036	972.911	972.887	972.851	972.788E	---	---	17
18	---	972.327	972.728	973.384E	973.321	973.035	972.914	972.887	972.851	972.784E	---	---	18
19	---	972.329	972.746	973.394E	973.288	973.027	972.902	972.883	972.848	972.781E	---	---	19
20	---	972.329	972.765	973.402E	973.288	973.025	972.907	972.881	972.845	972.779E	---	---	20
21	---	972.330	972.781	973.410E	973.244	973.022	972.907	972.877	972.844	972.784E	---	---	21
22	---	972.331	972.783	973.418E	973.220	973.014	972.916	972.871	972.842	972.753E	---	---	22
23	---	972.333	972.806	973.418E	973.202	973.005	972.914	972.887	972.840	972.751E	---	---	23
24	---	972.336	972.819	973.419E	973.185	973.004	972.914	972.884	972.837	972.748E	---	---	24
25	---	972.338	972.832	973.420E	973.170	972.999	972.917	972.881	972.835	972.745E	---	---	25
26	---	972.342	972.846	973.420E	973.162	972.998	972.928	972.885	972.826	972.741E	---	---	26
27	---	972.343	972.859	973.419E	973.153	972.998	972.925	972.882	972.821E	972.740A	---	---	27
28	---	972.345	972.871	973.418E	973.135	972.993	972.923	972.883	972.818E	972.739E	---	---	28
29	---		972.883	973.410A	973.123	972.988	972.928	972.883	972.811E	972.736E	---	---	29
30	---		972.897	973.415	973.122	972.985	972.925	972.883	972.803A	972.737E	---	---	30
31	---		972.914		973.121		972.928	972.882		972.735E	---	---	31
MEAN	---	---	972.657	973.288	973.303	973.044	972.935	972.888	972.854	972.765	---	---	MEAN
MAX	---	---	972.914	973.420	973.418	973.117	972.985	972.911	972.880	972.795	---	---	MAX
MIN	---	---	972.347	972.936	973.121	972.985	972.902	972.887	972.803	972.735	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 973.420E ON APR 25

MAXIMUM INSTANTANEOUS,
973.434 AT 23 30 CST ON APR 30

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 30 N
LONG 109 30 25 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1939

CYPRESS LAKE EAST OUTFLOW CANAL - STATION NO. 11AC080

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.0558	0.1178	0.013	0.004	0.142	0.037	0.008	0.005	---	---	1
2	---	0 B	0.0548	0.1018	0.014	0.004	0.084	0.022	0.008	0.005	---	---	2
3	---	0 B	0.0628	0.1918	0.015	0.003	0.051	0.019	0.007	0.005	---	---	3
4	---	0 B	0.1188	0.4288	0.014	0.003	0.037	0.019	0.006	0.006	---	---	4
5	---	0 B	0.2278	0.2738	0.012	0.002	0.024	0.018	0.007	0.005	---	---	5
6	---	0 B	0.3068	0.2288	0.012	0.002	0.022	0.017	0.008	0.006	---	---	6
7	---	0 B	0.2328	0.1818	0.012	0.002	0.019	0.015	0.010	0.007	---	---	7
8	---	0 B	0.1018	0.082	0.011	0.002	0.020	0.015	0.010	0.004	---	---	8
9	---	0 B	0.1438	0.042	0.011	0.004	0.018	0.014	0.009	0.006A	---	---	9
10	---	0 B	0.0308	0.037	0.011	0.020	0.015	0.012	0.009	0.006E	---	---	10
11	---	0 B	0 B	0.019	0.012	0.048	0.018	0.013	0.008	0.006E	---	---	11
12	---	0.0038	0 B	0.017	0.012	0.025	0.015	0.011	0.007	0.006E	---	---	12
13	---	0.0178	0.0228	0.016	0.010	0.013	0.009	0.012	0.008	0.007E	---	---	13
14	---	0.0358	0.2518	0.014	0.010	0.009	0.003	0.015	0.005	0.007E	---	---	14
15	---	0.0618	0.5288	0.015	0.010	0.006	0	0.018	0.004	0.007E	---	---	15
16	---	0.0748	0.2088	0.013	0.010	0.004	0	0.018	0.005	0.007E	---	---	16
17	---	0.0608	0.0858	0.010	0.010	0.003	0	0.018	0.005	0.007E	---	---	17
18	---	0.0608	0.0598	0.009	0.012	0.003	0	0.018	0.005	0.007E	---	---	18
19	---	0.0708	0.0518	0.010	0.031	0.002	0	0.014	0.008	0.007E	---	---	19
20	---	0.0778	0.1018	0.007	0.004	0.005	0	0.015	0.008	0.007E	---	---	20
21	---	0.0988	0.0758	0.007	0.003	0.008	0	0.012	0.008	0.007E	---	---	21
22	---	0.1258	0 B	0.008	0.004	0.006	0	0.011	0.005	0.007E	---	---	22
23	---	0.1138	0 B	0.012	0.002	0.039	0	0.011	0.005	0.007E	---	---	23
24	---	0.0528	0.0018	0.015	0.002	0.388	0.001	0.013	0.004	0.007E	---	---	24
25	---	0.0588	0.1678	0.015	0.001	0.408	0.001	0.015	0.005	0.007E	---	---	25
26	---	0.0308	0.8168	0.011	0.004	0.347	0.015	0.017	0.005	0.007E	---	---	26
27	---	0.0198	0.2338	0.010	0.004	0.271	0.031	0.015	0.008	0.007A	---	---	27
28	---	0.0488	0.0348	0.010	0.005	0.228	0.021	0.013	0.008	0.007E	---	---	28
29	---		0.0138	0.010	0.004	0.194	0.027	0.011	0.008	0.007E	---	---	29
30	---		0.1608	0.010	0.003	0.151	0.029	0.010	0.005	0.007E	---	---	30
31	---		0.3558		0.003		0.022	0.010		0.007E	---	---	31
TOTAL	---	0.996	4.327	1.918	0.281	2.200	0.623	0.477	0.195	0.211	---	---	TOTAL
MEAN	---	0.036	0.140	0.064	0.009	0.073	0.020	0.015	0.007	0.007	---	---	MEAN
MAX	---	0.125	0.816	0.426	0.031	0.408	0.142	0.037	0.010	0.008	---	---	MAX
MIN	---	0	0	0.007	0.001	0.002	0	0.010	0.004	0.005	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.061
MAXIMUM DAILY, 0.8168 ON MAR 26
MINIMUM DAILY, 0B ON FEB 1

SUMMARY FOR THE MONTHS FEB TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 12 N
LONG 109 21 06 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1940

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	53.8
FEB	88.1	AUG	41.2
MAR	374	SEP	15.8
APR	165	OCT	18.2
MAY	24.3	NOV	---
JUN	190	DEC	---

TOTAL DISCHARGE, 870 dam³

CYPRESS LAKE WEST INFLOW CANAL - STATION NO 11AB078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.7898	3.56 B	0.483	0	0.434	0	0.255	0	---	---	1
2	---	0 B	0.7408	3.24 B	0.007	0	0.447	0	0.247	0	---	---	2
3	---	0 B	0.7128	2.24 B	0.004	0	0.439	0	0.232	0	---	---	3
4	---	0 B	1.11 B	1.71 B	0.003	0	0.108	0 0154	0.230	0	---	---	4
5	---	0 B	3.93 B	3.57 B	0.002	0	0.004	0.341	0.245	0	---	---	5
6	---	0 B	5.18 B	5.73	0.003	0	0.168	0.351	0.254	0	---	---	6
7	---	0 B	4.93 B	5.58	0.003	0	0.196	0.343	0.236	0	---	---	7
8	---	0 B	5.53 B	4.74	0.001	0	0.202	0.340	0.251	0	---	---	8
9	---	0 B	5.69 B	3.84	0.001	0	0.210	0.335	0.246	0	---	---	9
10	---	0 B	3.04 B	3.34	0	0	0.214	0.327	0.235	0	---	---	10
11	---	0 B	2.08 B	2.59	0	0	0.218	0.282	0.250	0	---	---	11
12	---	0.4228	2.00 B	2.93	0	0	0.234	0.003	0.254	0	---	---	12
13	---	1.03 B	1.85 B	2.79	0	0	0.250	0	0.243	0	---	---	13
14	---	0.9088	2.35 B	2.29	0	0	0.199	0	0.180	0	---	---	14
15	---	0.7238	2.40 B	1.87	0	0	0.001	0	0	0	---	---	15
16	---	0.8738	2.66 B	1.84	0	0	0	0	0	0	---	---	16
17	---	1.02 B	2.68 B	1.90	0	0	0	0	0	0	---	---	17
18	---	0.9968	2.36 B	1.97	0	0	0	0	0	0	---	---	18
19	---	0.9538	2.62 B	1.82	0	0.2428	0	0	0	0	---	---	19
20	---	0.9368	2.36 B	1.78	0	0.131	0	0	0	0	---	---	20
21	---	0.9048	2.25 B	1.81	0	0.143	0	0	0	0	---	---	21
22	---	0.8568	2.61 B	1.50	0	0.221	0	0	0	0	---	---	22
23	---	0.8698	2.03 B	0.874	0	0.375	0	0	0	0	---	---	23
24	---	0.8538	2.12 B	0.243	0	0.387	0	0	0	0	---	---	24
25	---	0.8138	1.99 B	0.717	0	0.384	0	0 008	0	0	---	---	25
26	---	0.7918	2.13 B	0.720	0	0.208	0	0.496	0	0	---	---	26
27	---	0.8318	2.36 B	0.718	0	0.011	0	0.588	0	0	---	---	27
28	---	0.8288	1.76 B	0.727	0	0.017	0	0.640	0	0	---	---	28
29	---		1.62 B	0.730	0	0.032	0	0.544	0	0	---	---	29
30	---		1.72 B	0.748	0	0.289	0	0.616	0	0	---	---	30
31	---		2.57 B		0		0	0.288		0		---	31
TOTAL	---	14.611	78.571	88.487	0.507	2.450	3.324	5.878	3.342	0	---	---	TOTAL
MEAN	---	0.522	2.57	2.32	0.016	0.082	0.107	0.190	0.111	0	---	---	MEAN
MAX	---	1.03	5.69	5.73	0.483	0.387	0.447	0.640	0.255	0	---	---	MAX
MIN	---	0	0.712	0.243	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.656
MAXIMUM DAILY, 5.73 ON APR 6
MINIMUM DAILY, 00 ON FEB 1

SUMMARY FOR THE MONTHS FEB TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 18 N
LONG 109 37 08 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	287
FEB	1 260	AUG	504
MAR	6 870	SEP	289
APR	5 000	OCT	0
MAY	43.8	NOV	---
JUN	212	DEC	---

TOTAL DISCHARGE, 15 500 dam³

CYPRESS LAKE WEST INFLOW CANAL DRAIN - STATION NO 11AB085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.5408	0.0128	0.001	0	0.003	0 001	0 003	0	---	---	1
2	---	0 B	0.5918	0.0088	0.002	0	0.003	0.001	0.003	0	---	---	2
3	---	0 B	0.6278	0.0078	0.001	0	0.003	0	0.003	0	---	---	3
4	---	0 B	0.7428	0.0058	0.001	0	0.003	0	0.002	0	---	---	4
5	---	0 B	0.8828	0.0078	0.001	0	0.003	0 005	0.002	0	---	---	5
6	---	0 B	0.8568	0 0078	0.001	0	0.005	0 008	0 002	0	---	---	6
7	---	0 B	0.2298	0.0038	0.001	0	0.004	0 005	0.002	0	---	---	7
8	---	0 B	0.0648	0.001	0.001	0	0.004	0 005	0.002	0	---	---	8
9	---	0 B	0.0698	0.001	0.001	0	0.003	0 004	0.002	0	---	---	9
10	---	0 B	0.0708	0.001	0.001	0	0.003	0.004	0.002	0	---	---	10
11	---	0 B	0.0398	0.001	0.001	0	0.003	0 004	0.002	0	---	---	11
12	---	0.0818	0.0388	0.001	0.001	0	0.003	0.003	0.002	0	---	---	12
13	---	0.2808	0.0378	0.001	0.001	0	0.003	0 002	0.002	0	---	---	13
14	---	0.2908	0.0408	0.001	0.001	0	0.002	0 002	0.002	0	---	---	14
15	---	0.2918	0.0378	0.001	0.001	0	0.002	0 002	0.002	0	---	---	15
16	---	0.3808	0.0338	0.001	0.001	0	0.002	0.001	0.002	0	---	---	16
17	---	0.4508	0.0308	0.001	0.001	0	0.002	0.001	0.002	0	---	---	17
18	---	0.5008	0.0208	0.001	0.001	0	0.002	0 001	0.002	0	---	---	18
19	---	0.5288	0.0198	0.001	0	0 001	0 001	0 001	0 002	0	---	---	19
20	---	0.5508	0.0128	0.001	0	0 001	0 001	0 001	0 001	0	---	---	20
21	---	0.5408	0 0148	0 001	0	0 001	0 001	0 001	0 001	0	---	---	21
22	---	0.5308	0.0168	0 001	0	0 001	0 001	0 001	0 002	0	---	---	22
23	---	0.5208	0.0228	0 001	0	0 001	0 001	0 001	0 002	0	---	---	23
24	---	0.5108	0 0258	0 001	0	0 001	0 001	0 002	0 001	0	---	---	24
25	---	0.4728	0 0388	0 001	0	0 001	0 001	0 002	0 001	0	---	---	25
26	---	0.5008	0 0408	0 001	0	0 002	0 001	0 003	0 001	0	---	---	26
27	---	0.5108	0 0388	0 001	0	0 002	0 001	0 003	0 001	0	---	---	27
28	---	0.5208	0 0368	0 001	0	0 002	0 001	0 003	0	0	---	---	28
29	---		0 0378	0 001	0	0 003	0 001	0 003	0	0	---	---	29
30	---		0 0398	0 001	0	0 003	0 001	0 003	0	0	---	---	30
31	---		0 0418		0		0 001	0 003		0		---	31
TOTAL	---	7 430	5 244	0 070	0 018	0 018	0 068	0 074	0 051	0	---	---	TOTAL
MEAN	---	0 265	0 169	0 002	0 001	0 001	0 002	0 002	0 002	0	---	---	MEAN
MAX	---	0 550	0 382	0 012	0 002	0 003	0 005	0 005	0 003	0	---	---	MAX
MIN	---	0	0 012	0 001	0	0	0 001	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 048
MAXIMUM DAILY, 0 0828 ON MAR 5
MINIMUM DAILY, 00 ON FEB 1

SUMMARY FOR THE MONTHS FEB TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 25 N
LONG 109 38 38 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 70
FEB	642	AUG	6 38
MAR	453	SEP	4 41
APR	6 05	OCT	0
MAY	1 64	NOV	---
JUN	1 64	DEC	---

TOTAL DISCHARGE, 1 120 dam³

CYPRESS LAKE WEST OUTFLOW CANAL - STATION NO. 11AB077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0.0118	0.481	0.005	0.002	0.001	0.001	0.001	---	---	1
2	---	0B	0 B	0.0538	0.446	0.102	0.002	0	0	0.001	---	---	2
3	---	0B	0.0038	0.1288	0.486	0.147	0.001	0.001	0	0.001	---	---	3
4	---	0B	0.0058	0.4028	0.417	0.007	0.008	0.001	0	0	---	---	4
5	---	0B	0.0038	0.5638	0.258	0.006	0.235	0.002	0	0	---	---	5
6	---	0B	0 B	0.6198	0.005	0.004	0.282	0.002	0.001	0	---	---	6
7	---	0B	0.1688	0.5538	0.006	0.004	0.277	0.002	0.002	0	---	---	7
8	---	0B	0.3878	0.428	0.005	0.415	0.268	0.002	0.001	0.001	---	---	8
9	---	0B	0.3828	0.398	0.648	1.27	0.226	0.002	0.001	0.001	---	---	9
10	---	0B	0.2308	0.380	1.18	1.31	0.180	0.001	0.001	0.001	---	---	10
11	---	0B	0.0288	0.228	0.856	1.30	0.157	0	0.001	0.001	---	---	11
12	---	0B	0.0058	0.003	0.423	1.32	0.088	0	0.001	0.001	---	---	12
13	---	0B	0.2028	0.002	0.386	0.736	0.087	0	0.001	0.001	---	---	13
14	---	0B	0.2388	0.002	0.955	0.431	0.062	0.005	0	0	---	---	14
15	---	0B	0.3118	0.001	2.12	0.226	0.080	0.003	0.001	0.001	---	---	15
16	---	0B	0.1388	0.001	2.56	0.004	0.053	0.001	0	0	---	---	16
17	---	0B	0.0028	0.002	2.38	0.002	0.038	0.002	0.001	0.001	---	---	17
18	---	0B	0.0078	0.002	4.38	0.002	0.020	0.001	0.002	0.001	---	---	18
19	---	0B	0.0068	0.002	5.42	0.002	0.003	0.001	0.002	0.001	---	---	19
20	---	0B	0.0078	0.002	5.00	0.003	0	0	0.001	0	---	---	20
21	---	0B	0 B	0.109	4.30	0.001	0	0	0.001	0.001	---	---	21
22	---	0B	0.0288	0.237	3.57	0.001	0.001	0	0.001	0.001	---	---	22
23	---	0B	0.0188	0.286	3.78	0	0.001	0	0.001	0.001	---	---	23
24	---	0B	0.0188	0.330	3.84	0	0.001	0.005	0	0	---	---	24
25	---	0B	0.0178	0.522	3.27	0	0.001	0.002	0	0	---	---	25
26	---	0B	0.0148	0.713	3.44	0	0.007	0.001	0.001	0.001A	---	---	26
27	---	0B	0.0408	0.831	2.38	0	0.048	0.001	0.001	0.001E	---	---	27
28	---	0B	0.0218	0.507	1.28	0.001	0.024	0.001	0.001	0.001E	---	---	28
29	---		0.0808	0.487	0.301	0.001	0.002	0.001	0.001	0.001E	---	---	29
30	---		0.0548	0.487	0.005	0.001	0.001	0.001	0.001	0.001E	---	---	30
31	---		0.0588		0.004		0.001	0.001		0.001E	---	---	31
TOTAL	---	0	2.440	8.018	54.381	7.301	2.086	0.040	0.025	0.022	---	---	TOTAL
MEAN	---	0	0.079	0.267	1.75	0.243	0.068	0.001	0.001	0.001	---	---	MEAN
MAX	---	0	0.387	0.713	5.42	1.32	0.282	0.005	0.002	0.001	---	---	MAX
MIN	---	0	0	0.001	0.005	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS FEB TO OCT

MEAN, 0.272
MAXIMUM DAILY, 5.42 ON MAY 19
MINIMUM DAILY, 0B ON FEB 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 14 N
LONG 100 38 18 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	181
FEB	0	AUG	3.46
MAR	211	SEP	2.16
APR	693	OCT	1.90
MAY	4 700	NOV	---
JUN	631	DEC	---

TOTAL DISCHARGE, 6 420 dam³

DEAD LAKE PROJECT - SOURIS RIVER CHANNEL - STATION NO. 05NB026

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	539.538E	---	539.450E	540.238A	540.010A	539.906A	539.699A	539.586A	539.406E	539.272A	539.200E	539.220A	1
2	---	---	539.460E	540.228A	540.007A	539.911A	539.683A	539.588A	539.400E	539.290A	---	---	2
3	---	---	539.470E	540.223A	540.011A	539.892A	539.678A	539.574A	539.394E	539.252A	---	---	3
4	---	---	539.484A	540.208A	540.003A	539.884A	539.662A	539.558A	539.388E	539.278A	---	---	4
5	---	539.482A	539.508A	540.191A	540.008A	539.876A	539.663A	539.576A	539.382E	539.252A	---	---	5
6	---	---	539.538A	540.188A	539.992A	539.873A	539.664A	539.542A	539.378E	539.238A	---	---	6
7	---	---	539.562A	540.155A	539.983A	539.868A	539.678A	539.534A	539.370E	539.228A	---	---	7
8	---	---	539.577A	540.141A	539.960A	539.853A	539.680A	539.531A	539.364E	539.282A	---	---	8
9	---	---	539.577A	540.147A	539.883A	539.835A	539.681A	539.516A	539.368E	539.224A	---	---	9
10	---	---	539.582A	540.125A	539.966A	539.833A	539.687A	539.502A	539.352E	539.215A	---	---	10
11	---	---	539.588A	540.112A	539.969A	539.839A	539.689A	539.516A	539.346E	539.217A	---	---	11
12	---	---	539.592A	540.126A	539.969A	539.832A	539.682A	539.496A	539.340E	539.214A	---	---	12
13	---	---	539.593A	540.136A	539.944A	539.827A	539.658A	539.484A	539.334E	539.228A	---	---	13
14	---	---	539.593A	540.128A	539.923A	539.802A	539.655A	539.475A	539.328E	539.198A	---	---	14
15	---	---	539.587A	540.133A	539.824A	539.780A	539.636A	539.481A	539.322E	539.194A	---	---	15
16	---	---	539.600A	540.123A	539.811A	539.761A	539.635A	539.472A	539.315E	539.206A	---	---	16
17	---	---	539.605A	540.119A	539.907A	539.809A	539.628A	539.489A	539.310E	539.215A	---	---	17
18	---	---	539.613A	540.109A	539.900A	539.792A	539.636A	539.479A	539.304E	539.209A	---	---	18
19	---	---	539.625A	540.131A	539.907A	539.775A	539.644A	539.472A	539.298E	539.213A	---	---	19
20	---	---	539.653A	540.091A	539.912A	539.788A	539.638A	539.470A	539.292E	539.202A	---	---	20
21	---	---	539.738A	540.073A	539.898A	539.761A	539.626A	539.477A	539.288E	539.207A	---	---	21
22	---	---	539.698A	540.081A	539.868A	539.782A	539.628A	539.480A	539.280E	539.204A	---	---	22
23	---	---	540.039A	540.068A	539.890A	539.758A	539.624A	539.469A	539.274E	539.208A	---	---	23
24	---	---	540.139A	540.064A	539.868A	539.751A	539.619A	539.443A	539.268E	539.195A	---	---	24
25	---	---	540.188A	540.058A	539.872A	539.739A	539.612A	539.434A	539.262E	539.188A	---	---	25
26	---	---	540.194A	540.057A	539.875A	539.718A	539.601A	539.434A	539.258E	539.231A	---	---	26
27	---	---	540.192A	540.048A	539.884A	539.714A	539.597A	539.429A	539.250E	539.205A	---	---	27
28	---	539.445E	540.180A	540.052A	539.905A	539.708A	539.588A	539.424A	539.275E	539.200A	---	---	28
29	---		540.204A	540.020A	539.813A	539.702A	539.588A	539.424A	539.273E	539.200E	---	539.170A	29
30	---		540.228A	540.018A	539.909A	539.693A	539.582A	539.418E	539.270A	539.200E	539.220E	---	30
31	539.440E		540.248A		539.900A		539.588A	539.412E		539.200E		539.170E	31
MEAN	---	---	539.759	540.119	539.835	539.802	539.642	539.486	539.322	539.220	---	---	MEAN
MAX	---	---	540.248	540.238	540.011	539.911	539.699	539.586	539.406	539.278	---	---	MAX
MIN	---	---	539.450	540.018	539.872	539.693	539.582	539.412	539.250	539.194	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 540.248A ON MAR 31
MINIMUM DAILY, 539.170A ON DEC 29
MAXIMUM INSTANTANEOUS,
540.253A AT 11:51 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 103 28 40 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DEAD LAKE RESERVOIR NEAR MIDALE - STATION NO 05NB022

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	539.888E	---	539.856E	540.241A	540.132A	540.052A	539.910A	539.839A	539.887E	539.804A	539.515E	539.486A	1
2	---	---	539.860E	540.240A	540.127A	540.048A	539.884A	539.829A	539.883E	539.584A	---	---	2
3	---	---	539.865E	540.232A	540.133A	540.028A	539.886A	539.819A	539.879E	539.584A	---	---	3
4	---	---	539.872A	540.228A	540.130A	540.022A	539.886A	539.811A	539.874E	539.605A	---	---	4
5	---	539.880A	539.873A	540.228A	540.129A	540.016A	539.885A	539.811A	539.870E	539.585A	---	---	5
6	---	---	539.877A	540.225A	540.122A	540.017A	539.880A	539.795A	539.868E	539.575A	---	---	6
7	---	---	539.878A	540.227A	540.120A	540.013A	539.885A	539.786A	539.881E	539.563A	---	---	7
8	---	---	539.876A	540.230A	540.118A	539.988A	539.876A	539.784A	539.657E	539.573A	---	---	8
9	---	---	539.870A	540.236A	540.108A	539.990A	539.872A	539.778A	539.853E	539.586A	---	---	9
10	---	---	539.868A	540.231A	540.104A	539.988A	539.879A	539.768A	539.649E	539.581A	---	---	10
11	---	---	539.869A	540.221A	540.098A	539.990A	539.882A	539.775A	539.844E	539.569A	---	---	11
12	---	---	539.868A	540.226A	540.093A	539.982A	539.875A	539.761A	539.840E	539.547A	---	---	12
13	---	---	539.868A	540.222A	540.092A	539.972A	539.871A	539.758A	539.636E	539.552A	---	---	13
14	---	---	539.889A	540.218A	540.074A	539.959A	539.867A	539.750A	539.631E	539.536A	---	---	14
15	---	---	539.878A	540.218A	540.071A	539.949A	539.864A	539.751A	539.627E	539.529A	---	---	15
16	---	---	539.875A	540.215A	540.064A	539.944A	539.859A	539.743A	539.623E	539.537A	---	---	16
17	---	---	539.877A	540.213A	540.061A	539.974A	539.854A	539.742A	539.619E	539.532A	---	---	17
18	---	---	539.883E	540.208A	540.051A	539.986A	539.885A	539.749A	539.614E	539.528A	---	---	18
19	---	---	539.888A	540.218A	540.058A	539.988A	539.867A	539.748A	539.610E	539.525E	---	---	19
20	---	---	539.889A	540.203A	540.061A	539.950A	539.865A	539.741A	539.608E	539.524E	---	---	20
21	---	---	539.928A	540.185E	540.047A	539.948A	539.861A	539.748A	539.601E	539.524E	---	---	21
22	---	---	539.958A	540.180E	540.039A	539.947A	539.859A	539.734A	539.597E	539.523E	---	---	22
23	---	---	539.987A	540.180E	540.037A	539.948A	539.854A	539.728A	539.593E	539.522E	---	---	23
24	---	---	539.990A	540.185E	540.038A	539.939A	539.852A	539.723A	539.589E	539.521E	---	---	24
25	---	---	540.109A	540.185E	540.032A	539.932A	539.850A	539.719A	539.584E	539.520E	---	---	25
26	---	---	540.181A	540.185E	540.032A	539.917A	539.842A	539.716A	539.582E	539.520E	---	---	26
27	---	---	540.201A	540.180E	540.031A	539.912A	539.840A	539.713A	539.580E	539.519E	---	---	27
28	---	539.850E	540.187A	540.180A	540.048A	539.910A	539.838A	539.708A	539.605E	539.518A	---	---	28
29	---		540.188A	540.138A	540.054A	539.907A	539.838A	539.700A	539.603E	539.517E	---	539.486A	29
30	---		540.188A	540.133A	540.049A	539.904A	539.839A	539.698E	539.600A	539.518E	539.488E	---	30
31	539.880E		540.211A		540.044A		539.841A	539.691E		539.518E		539.485E	31
MEAN	---	---	539.885	540.204	540.077	539.989	539.885	539.755	539.629	539.544	---	---	MEAN
MAX	---	---	540.211	540.241	540.133	540.052	539.910	539.839	539.687	539.605	---	---	MAX
MIN	---	---	539.855	540.133	540.031	539.904	539.839	539.691	539.580	539.515	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY. 540.241A ON APR 1
MINIMUM DAILY. 539.485E ON DEC 31
MAXIMUM INSTANTANEOUS.
540.248A AT 15 36 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 103 28 40 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DELARONDE LAKE NEAR BIG RIVER - STATION NO 05AE004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	493.085	492.933	492.889	492.829	492.844	---	---	1
2	---	---	---	---	---	493.085	---	492.902	492.823	492.702	---	---	2
3	---	---	---	---	---	493.037	---	492.926	492.834	492.782	---	---	3
4	---	---	---	---	---	493.013	492.947	492.889	492.838	---	---	---	4
5	---	---	---	---	493.002	493.031	492.970	492.895	492.820	492.758	---	---	5
6	---	---	---	---	492.980	493.010	492.958	492.884	492.839	492.734	---	---	6
7	---	---	---	---	492.975	493.015	492.983	492.872	---	---	---	---	7
8	---	---	---	---	492.988	493.014	492.985	492.882	---	492.819	---	---	8
9	---	---	---	---	492.972	493.014	493.020	492.863	---	492.758	---	---	9
10	---	---	---	---	493.017	492.997	492.988	492.832	---	492.712	---	---	10
11	---	---	---	---	492.998	493.048	492.949	492.830	---	492.748	---	---	11
12	---	---	---	---	493.003	493.014	492.948	492.883	---	492.734	---	---	12
13	---	---	---	---	---	493.024	---	492.872	---	492.844	---	---	13
14	---	---	---	---	493.003	493.018	492.937	492.863	---	492.731	---	---	14
15	---	---	---	---	---	493.008	492.948	492.889	492.807	492.733	---	---	15
16	---	---	---	---	493.058	493.005	---	492.859	492.798	492.694	---	---	16
17	---	---	---	---	493.032	493.020	492.945	492.862	492.814	492.736	---	---	17
18	---	---	---	---	493.008	492.984	492.934	492.862	492.794	492.736	---	---	18
19	---	---	---	---	493.081	492.983	492.936	492.849	492.784	---	---	---	19
20	---	---	---	---	493.073	492.993	492.943	492.838	492.779	492.718	---	---	20
21	---	---	---	---	493.051	492.984	492.942	493.889	492.775	---	---	---	21
22	---	---	---	---	493.046	492.995	---	492.856	492.782	492.738	---	---	22
23	---	---	---	---	493.052	492.980	---	492.829	492.778	492.734	---	---	23
24	---	---	---	---	493.048	492.995	492.938	492.839	---	---	---	---	24
25	---	---	---	---	493.088	492.987	492.938	492.848	492.758	---	---	---	25
26	---	---	---	---	493.057	492.957	492.882	492.849	492.758	492.733	---	---	26
27	---	---	---	---	---	492.954	---	492.829	492.782	---	---	---	27
28	---	---	---	---	493.057	492.983	492.933	492.832	492.779	492.688	---	---	28
29	---		---	---	493.052	492.948	492.931	492.889	492.783	---	---	---	29
30	---		---	---	493.051	492.932	492.899	492.826	492.789	---	---	---	30
31	---		---		493.021		492.908	492.829		---		---	31
MEAN	---	---	---	---	---	493.003	---	492.864	---	---	---	---	MEAN
MAX	---	---	---	---	---	493.085	---	492.926	---	---	---	---	MAX
MIN	---	---	---	---	---	492.932	---	492.826	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY. 493.085 ON JUN 2

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 53 33 N
LONG 108 57 16 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DENNIEL CREEK NEAR VAL MARIE - STATION NO 11AC025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0808	5.02	0.018	0.003	0	0.022	0.002	0	---	---	1
2	---	---	0.0488	3.18	0.018	0.003	0	0.013	0.001	0	---	---	2
3	---	---	0.0558	1.32	0.019	0.002	0	0.007	0	0	---	---	3
4	---	---	0.2068	0.850	0.016	0.002	0	0.004	0	0	---	---	4
5	---	---	7.54 B	0.530	0.015	0.002	0	0.001	0	0	---	---	5
6	---	---	8.21 B	0.406	0.013	0.001	0	0	0	0	---	---	6
7	---	---	5.86 B	0.318	0.012	0.001	0	0	0	0	---	---	7
8	---	---	1.96 B	0.257	0.011	0	0	0	0	0	---	---	8
9	---	1.70 B	0.9208	0.204	0.008	0	0	0	0	0	---	---	9
10	---	1.44 B	0.7168	0.175	0.008	0.001	0	0	0	0	---	---	10
11	---	2.40 B	0.4158	0.159	0.008	0.001	0	0	0	0.001	---	---	11
12	---	3.86 B	0.2838	0.130	0.008	0.001	0	0	0	0.002	---	---	12
13	---	4.21 B	0.2788	0.125	0.005	0	0	0	0	0.002	---	---	13
14	---	2.78 B	0.2498	0.106	0.005	0	0	0	0	0.002	---	---	14
15	---	2.27 B	0.2348	0.080	0.005	0	0	0	0	0.002	---	---	15
16	---	2.18 B	0.2588	0.062	0.005	0	0	0.017	0	0.001	---	---	16
17	---	1.88 B	0.3498	0.048	0.005	0	0	0.015	0.003	0.001	---	---	17
18	---	1.55 B	0.7518	0.041	0.005	0	0	0.014	0.005	0.003	---	---	18
19	---	1.50 B	1.37 B	0.041	0.005	0	0	0.010	0.004	0.003	---	---	19
20	---	1.11 B	1.54 B	0.044	0.005	0	0	0.011	0.002	0.002	---	---	20
21	---	0.8148	1.42	0.037	0.004	0	0	0.009	0.001	0.001	---	---	21
22	---	0.5398	1.02	0.032	0.003	0	0	0.007	0	0.001	---	---	22
23	---	0.3888	0.562	0.032	0.003	0	0	0.005	0	0.002	---	---	23
24	---	0.2518	0.407	0.036	0.002	0	0	0.006	0	0.003	---	---	24
25	---	0.1728	0.324	0.031	0.002	0	0	0.007	0	0.002	---	---	25
26	---	0.1178	1.72	0.026	0.004	0	0	0.010	0	0.004	---	---	26
27	---	0.0908	8.77 B	0.022	0.007	0	0	0.008	0	0.003	---	---	27
28	---	0.0718	8.38 B	0.020	0.007	0	0	0.008	0	0.002A	---	---	28
29	---		3.86	0.018	0.005	0	0.005	0.005	0	0.002E	---	---	29
30	---		1.56	0.017	0.003	0	0.115	0.004	0	0.002E	---	---	30
31	---		4.70		0.002		0.050	0.003		0.002E		---	31
TOTAL	---	---	82.127	14.207	0.237	0.017	0.171	0.188	0.018	0.043	---	---	TOTAL
MEAN	---	---	2.00	0.474	0.008	0.001	0.006	0.006	0.001	0.001	---	---	MEAN
MAX	---	---	8.77	5.02	0.018	0.003	0.115	0.022	0.005	0.004	---	---	MAX
MIN	---	---	0.048	0.017	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.314
MAXIMUM DAILY 8.770 ON MAR 27
MINIMUM DAILY 0 ON JUN 8
MAXIMUM INSTANTANEOUS
12.08 AT 12:27 CST ON MAR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 26 N
LONG 107 42 12 W
DRAINAGE AREA 494 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14.8
FEB	---	AUG	18.2
MAR	5 370	SEP	1 56
APR	1 230	OCT	3 72
MAY	20.5	NOV	---
JUN	1.47	DEC	---

TOTAL DISCHARGE 6 880 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEBRUARY AND IS NOT INCLUDED IN THE SUMMARY

DESCHAMBAULT LAKE ON THE HANSON LAKE ROAD - STATION NO 05KF003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	324.928	324.930	324.871	324.781	---	---	---	1
2	---	---	---	---	324.867	324.928	324.920	324.871	324.758	---	---	---	2
3	---	---	---	---	324.862	324.928	324.920	324.871	324.758	---	---	---	3
4	---	---	---	---	324.857	324.928	324.915	324.871	324.755	---	---	---	4
5	---	---	---	---	324.877	324.928	324.915	324.871	324.755	---	---	---	5
6	---	---	---	---	324.887	324.928	324.915	324.870	324.755	---	---	---	6
7	---	---	---	---	324.897	324.928	324.911	324.870	324.752	---	---	---	7
8	---	---	---	---	324.902	324.928	324.911	324.868	324.753	---	---	---	8
9	---	---	---	---	324.907	324.928	324.908	324.865	324.753	---	---	---	9
10	---	---	---	---	324.912	324.928	324.908	324.863	324.754	---	---	---	10
11	---	---	---	---	324.922	324.928	324.901	324.858	324.754	---	---	---	11
12	---	---	---	---	324.927	324.934	324.901	324.854	324.753	---	---	---	12
13	---	---	---	---	324.927	324.934	324.901	324.839	324.753	---	---	---	13
14	---	---	---	---	324.947	324.938	324.898	324.834	324.753	---	---	---	14
15	---	---	---	---	324.947	324.938	324.898	324.838	324.753	---	---	---	15
16	---	---	---	---	324.947	324.938	324.898	324.819	324.753	---	---	---	16
17	---	---	---	---	324.937	324.938	324.891	324.816	324.753	---	---	---	17
18	---	---	---	---	324.927	324.938	324.891	324.818	324.752	---	---	---	18
19	---	---	---	---	324.927	324.938	324.898	324.816	324.752	---	---	---	19
20	---	---	---	---	324.932	324.938	324.881	324.812	324.747	---	---	---	20
21	---	---	---	---	324.918	324.940	324.888	324.798	324.747	---	---	---	21
22	---	---	---	---	324.918	324.940	324.872	324.797	324.757	---	---	---	22
23	---	---	---	---	324.918	324.940	324.872	324.782	324.754	---	---	---	23
24	---	---	---	---	324.918	324.940	324.872	324.777	324.754	---	---	---	24
25	---	---	---	---	324.918	324.940	324.872	324.777	324.751	---	---	---	25
26	---	---	---	---	324.918	324.940	324.872	324.782	324.751	---	---	---	26
27	---	---	---	324.787	324.923	324.935	324.872	324.768	324.751	324.840	---	---	27
28	---	---	---	324.802	324.923	324.935	324.872	324.768	324.748	---	---	---	28
29	---	---	---	324.807	324.928	324.935	324.874	324.761	324.748	---	---	---	29
30	---	---	---	324.827	324.928	324.935	324.872	324.761	324.748	---	---	---	30
31	---	---	---		324.928		324.872	324.761		---	---	---	31
MEAN	---	---	---	---	324.912	324.936	324.884	324.823	324.753	---	---	---	MEAN
MAX	---	---	---	---	324.947	324.940	324.930	324.871	324.781	---	---	---	MAX
MIN	---	---	---	---	324.837	324.928	324.872	324.761	324.747	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY 324.947 ON MAY 14

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 40 00 N
LONG 103 24 30 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DESCHARME RIVER BELOW DUPRE LAKE - STATION NO. 07CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.85	7.59	7.02	7.51	18.2	9.52A	6.48	6.82	8.37	7.80	8.85	8.10	1
2	7.79	7.56	6.94	7.48	18.5	9.75A	6.53	7.17	8.32	7.74	8.85	8.03	2
3	7.76	7.57	6.84	7.68	18.9	9.96A	6.79	7.18	8.36	7.88	9.00	7.99	3
4	7.82	7.55	6.83	8.09	18.4	9.96	6.86	7.22	8.38	7.83	8.87	8.00	4
5	7.80	7.55	6.95	7.83	17.9	9.63	6.92	7.31	8.48	7.88	8.48	8.17	5
6	7.74	7.54	6.84	8.13	17.7	9.80	7.03	7.40	8.63	7.86	8.80	8.08	6
7	7.84	7.57	6.81	8.71	17.4	9.57	7.15	7.86	8.43	7.87	8.84	8.06	7
8	7.87	7.80	6.80	9.14	16.9	9.30	7.04	7.98	8.44	7.88	8.57	8.09	8
9	7.72	7.81	6.86	9.46	16.1	9.26	7.07	7.96	8.28	7.88	8.51	7.98	9
10	7.77	7.52	6.86	9.59	16.4	9.14	7.01	7.88	8.16	8.01	8.78	8.07	10
11	7.82	7.51	7.02	9.99	15.6 A	8.91	6.92	7.88	8.07	8.14	9.28	8.06	11
12	7.78	7.40	7.02	10.5	15.8 A	8.84	6.77	8.03	7.84	8.32	8.98	8.04	12
13	7.86	7.30	7.05	10.3	14.9 A	8.80	6.78	8.08	7.87	8.47	10.2	7.99	13
14	7.78	7.23	7.06	11.1	14.1 A	8.42	6.78	8.00	8.00	8.38	10.3	7.85	14
15	7.66	7.10	7.09	11.6	13.0 A	8.23	6.84	8.03	7.96	8.34	10.0	7.83	15
16	7.45	6.96	7.22	11.6	12.7 A	8.18	6.58	8.03	8.02	8.40	8.14	7.76	16
17	7.26	6.97	7.26	12.3	12.7 A	7.95	6.60	8.04	8.06	8.59	8.91	7.71	17
18	7.23	6.92	7.25	13.2	12.0 A	7.78	6.62	7.98	8.07	8.43	8.84	7.62	18
19	7.13	6.86	7.24	14.3	11.7 E	7.67	6.62	7.91	8.07	8.42	8.80	7.49	19
20	7.06	6.89	7.14	17.2	11.6 E	7.46	6.59	7.91	8.04	8.37	7.27	7.55	20
21	7.10	7.02	7.16	18.6	11.5 E	7.32	6.68	7.79	8.06	8.48	8.07	7.61	21
22	7.04	7.03	7.18	18.1	11.3 A	7.33	6.57	7.67	8.13	8.56	8.54	7.55	22
23	7.13	7.05	7.16	17.4	11.2 A	7.10	6.58	7.80	8.08	8.48	8.63	7.57	23
24	7.23	7.03	7.20	16.6	10.9 E	6.88	6.58	7.81	8.10	8.13	8.58	7.60	24
25	7.33	7.04	7.42	16.6	10.6 A	6.66	6.47	7.84	8.12	8.43	8.48	7.58	25
26	7.39	7.00	7.86	17.1	10.2 A	6.59	6.42	7.82	8.10	8.48	8.42	7.69	26
27	7.43	7.00	7.83	18.8	10.3 A	6.82	6.47	7.66	8.03	8.38	8.36	7.80	27
28	7.80	6.98	7.75	17.8	10.1 A	6.86	6.61	7.71	8.00	8.48	8.33	7.77	28
29	7.81		7.94	17.3	9.81A	6.83	6.61	7.68	7.87	8.67	8.28	7.78	29
30	7.84		7.79	17.8	9.55A	6.46	6.53	7.81	7.86	8.71	8.14	7.75	30
31	7.71		7.81		9.54A		6.58	8.27		8.71		7.69	31
TOTAL	234.09	203.38	224.21	378.71	426.10	248.00	207.52	239.92	244.83	255.42	256.28	242.73	TOTAL
MEAN	7.55	7.26	7.23	12.7	13.7	8.20	6.69	7.74	8.16	8.24	8.54	7.83	MEAN
MAX	7.86	7.67	7.86	18.6	18.9	9.96	7.15	8.27	8.63	8.71	10.3	8.17	MAX
MIN	7.04	6.92	6.80	7.48	9.51	6.46	6.42	6.82	7.87	7.88	8.84	7.49	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.85
MAXIMUM DAILY, 18.9 ON MAY 3
MINIMUM DAILY, 6.42 ON JUL 26
MAXIMUM INSTANTANEOUS,
20.8 AT 13 14 CST ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 07 23 N
LONG 109 13 36 W
DRAINAGE AREA, 1 890 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 200	JUL	17 800
FEB	17 600	AUG	20 700
MAR	18 400	SEP	21 100
APR	32 800	OCT	22 100
MAY	36 700	NOV	22 100
JUN	21 300	DEC	21 000

TOTAL DISCHARGE, 273 000 dam³

DILLON RIVER BELOW DILLON LAKE - STATION NO. 06BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.878	2.338	3.258	2.64	43.3	16.1	6.76	4.01	3.04	2.43	2.11	1.698	1
2	3.668	2.368	3.278	2.53	43.7	17.9	6.34	4.17	3.10	2.17	1.87	1.618	2
3	3.668	2.288	3.438	2.52	43.8	18.4	6.71	3.79	3.35	2.35	2.61	1.468	3
4	3.508	2.278	3.748	2.54	43.0	16.0	6.07	3.67	3.18	2.82	2.38	1.518	4
5	3.378	2.258	3.768	2.56	42.3	15.4	7.66	3.64	3.22	2.21	3.04	1.608	5
6	3.338	2.168	3.738	2.61	41.1	15.7	7.67	3.47	4.06	2.36	2.02	1.678	6
7	3.278	2.238	3.468	3.04	38.7	16.5	7.80E	3.43	3.47	1.58	2.06	1.638	7
8	3.218	2.248	3.448	3.35	38.3	16.3	7.60E	3.44	2.83	2.22	2.02	1.618	8
9	3.208	2.258	3.838	4.27	38.2	15.6	7.45E	3.11	2.83	1.89	2.00	1.758	9
10	3.298	2.138	3.828	4.61	35.4	18.4	7.28E	3.18	2.82	1.95	2.13	1.828	10
11	3.288	2.148	3.848	4.86	34.0	17.5	6.92	3.74	2.78	1.90	2.18	1.568	11
12	3.348	2.208	3.418	5.85	32.7	17.5	6.17	3.91	2.71	2.24	2.21	1.598	12
13	3.208	2.228	3.248	6.01	31.7	18.7	5.98	3.71	3.01	3.89	2.06	1.628	13
14	3.198	2.108	3.358	6.79	28.1	17.0	6.10	3.53	2.78	1.88	1.818	1.468	14
15	3.288	2.388	3.518	7.77	28.6	18.2	6.41	3.41	2.48	1.63	1.858	1.308	15
16	3.148	3.478	3.458	8.97	27.3	15.7	6.12	3.48	2.89	1.70	1.818	1.288	16
17	3.248	3.418	3.278	10.7	26.0	16.2	5.50	3.69	2.70	2.41	1.868	1.218	17
18	3.298	3.338	3.268	12.6	25.6	15.7	5.37	3.67	2.83	2.40	1.578	1.438	18
19	3.298	3.268	3.278	15.1	25.8	15.0	5.52	3.52	2.68	2.12	1.628	1.548	19
20	3.158	3.268	3.298	16.8	24.8	14.0	5.84	3.45	2.46	1.52	1.608	1.578	20
21	3.418	3.308	3.368	22.9	23.3	13.4	5.61	3.85	2.83	1.86	1.518	1.478	21
22	3.398	3.358	3.348	26.9	22.3	13.5	5.20	3.53	2.66	2.08	1.528	1.498	22
23	3.428	3.188	3.398	30.2	21.7	12.7	4.80	3.54	2.48	1.88	1.518	1.378	23
24	3.418	3.258	3.458	33.4	20.9	12.8	4.55	3.48	2.47	1.70	1.608	1.488	24
25	3.338	3.338	3.298	36.9	20.5	10.4	4.32	3.61	2.46	2.29	1.608	1.508	25
26	3.278	3.348	3.378	38.5	20.4	10.4	4.27	3.56	2.56	2.57	1.548	1.508	26
27	3.388	3.428	3.668	40.9	19.4	9.90	4.36	3.48	2.56	1.90	1.528	1.458	27
28	3.378	3.388	3.608	42.4	18.8	9.46	4.13	3.56	2.74	1.79	1.538	1.428	28
29	3.438		3.458	42.8	18.0	8.92	4.17	3.97	2.34	2.12	1.538	1.418	29
30	3.388		3.38	43.5	16.8	9.06	4.13	3.32	2.91	1.80	1.838	1.398	30
31	3.388		3.53		17.5		4.09	3.42		1.50		1.318	31
TOTAL	73.14	63.82	75.10	487.02	913.6	439.88	189.02	111.26	84.86	64.57	55.01	46.48	TOTAL
MEAN	2.36	2.28	2.45	16.2	29.5	14.7	6.10	3.59	2.83	2.08	1.83	1.50	MEAN
MAX	3.97	3.47	3.78	43.5	43.9	18.7	8.76	4.17	4.06	3.89	2.61	1.75	MAX
MIN	2.14	2.10	2.24	2.52	16.8	8.92	4.09	3.11	2.34	1.50	1.51	1.21	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.14
MAXIMUM DAILY, 43.9 ON MAY 3
MINIMUM DAILY, 1.218 ON DEC 17
MAXIMUM INSTANTANEOUS,
48.5 AT 20 29 CST ON MAY 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 42 35 N
LONG 109 23 08 W
DRAINAGE AREA, 2 330 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 320	JUL	16 300
FEB	5 510	AUG	9 610
MAR	6 580	SEP	7 330
APR	42 100	OCT	5 540
MAY	79 000	NOV	4 750
JUN	38 000	DEC	4 020

TOTAL DISCHARGE, 225 000 dam³

DOGHIDE RIVER NEAR RUNCIMAN - STATION NO 05KB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8	0 .8	0.133	0	0	0	0	0	---	---	1
2	---	---	0.8	0 .8	0.111	0	0	0	0	0	---	---	2
3	---	---	0.8	0 .8	0.213	0	0	0	0	0	---	---	3
4	---	---	0.8	0 0028	0.216	0	0	0	0	0	---	---	4
5	---	---	0.8	0 7528	0.122	0	0	0	0	0	---	---	5
6	---	---	0.8	4 11 B	0.080	0	0	0.001	0	0	---	---	6
7	---	---	0.8	8 31 B	0.052	0	0	0	0	0	---	---	7
8	---	---	0.8	17 1 B	0.042	0	0	0	0	0	---	---	8
9	---	---	0.8	13 7 A	0.037	0	0	0	0	0	---	---	9
10	---	---	0.8	7 88	0.038	0	0	0	0	0	---	---	10
11	---	---	0.8	4 59 A	0.027	0	0.001	0	0	0	---	---	11
12	---	---	0.8	3 56	0.018	0	0	0	0	0	---	---	12
13	---	---	0.8	3 19	0.014	0	0	0	0	0	---	---	13
14	---	---	0.8	2 67	0.014	0	0	0	0	0 042	---	---	14
15	---	---	0.8	2 16 A	0.012	0	0	0	0	0 131	---	---	15
16	---	---	0.8	1 84 A	0.007	0	0	0	0	0 130	---	---	16
17	---	---	0.8	1 51 A	0.003	0	0	0	0	0 088	---	---	17
18	---	---	0.8	1 10	0.004	0	0	0	0	0 072	---	---	18
19	---	---	0.8	0 825	0.002	0	0	0	0	0 067	---	---	19
20	---	---	0.8	0 858	0.001	0	0	0	0	0 051	---	---	20
21	---	---	0.8	0 438	0.001	0	0	0	0	0 046	---	---	21
22	---	---	0.8	0 328	0	0	0	0	0	0 047	---	---	22
23	---	---	0.8	0 334	0	0	0	0	0	0 041	---	---	23
24	---	---	0.8	0 259	0	0	0	0	0	0 033	---	---	24
25	---	---	0.8	0 181	0	0	0	0	0	0 028	---	---	25
26	---	---	0.8	0 172	0.002	0	0	0	0	0 034	---	---	26
27	---	---	0.8	0 188	0.001	0	0	0	0	0 035	---	---	27
28	---	---	0.8	0 157	0.001	0	0	0	0	0 030	---	---	28
29	---		0.8	0 181	0.001	0	0	0	0	0 027A	---	---	29
30	---		0.8	0 142	0.001	0	0	0	0	0 026E	---	---	30
31	---		0.8		0		0	0		0 025E		---	31
TOTAL	---	---	0	76 135	1 153	0.001	0 001	0	0	0 834	---	---	TOTAL
MEAN	---	---	0	2 54	0 037	0	0	0	0	0 030	---	---	MEAN
MAX	---	---	0	17 1	0 216	0 001	0 001	0	0	0 131	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.319
MAXIMUM DAILY, 17.10 ON APR 8
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
20.6 AT 11:33 CST ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 15 N
LONG 104 04 58 W
DRAINAGE AREA, 440 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.08
FEB	---	AUG	0
MAR	0	SEP	0
APR 8 580		OCT	80 7
MAY	99 5	NOV	---
JUN	0 09	DEC	---

TOTAL DISCHARGE, 8 780 dam³

DORE LAKE AT DORE LAKE - STATION NO 05AG003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	28.431	---	---	1
2	---	---	---	---	---	---	---	---	---	28.431	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	28.489	---	28.500	---	---	---	---	4
5	---	---	---	---	28.490	28.493	---	---	---	28.440	---	---	5
6	---	---	---	---	28.492	---	---	28.580	---	28.420	---	---	6
7	---	---	---	---	28.493	---	---	28.580	---	28.420	---	---	7
8	---	---	---	---	28.489	28.485	28.547	---	28.488	28.400	---	---	8
9	---	---	---	---	28.490	---	---	---	---	28.430	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	28.485	---	---	---	11
12	---	---	---	---	---	---	---	28.515	---	---	---	---	12
13	---	---	---	---	28.488	---	28.585	---	---	28.469	---	---	13
14	---	---	---	---	28.494	---	---	---	---	28.469	---	---	14
15	---	---	---	---	28.498	---	28.584	---	28.474	28.388	---	---	15
16	---	---	---	---	28.496	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	28.550	28.474	---	---	---	17
18	---	---	---	---	---	28.498	---	---	28.476	---	---	---	18
19	---	---	---	---	28.541	---	---	---	---	---	---	---	19
20	---	---	---	---	28.491	---	28.584	---	---	28.387	---	---	20
21	---	---	---	---	28.491	---	---	---	---	---	---	---	21
22	---	---	---	---	28.495	---	28.578	---	28.473	28.387	---	---	22
23	---	---	---	---	---	28.507	---	---	---	28.387	---	---	23
24	---	---	---	---	---	---	---	28.548	28.470	---	---	---	24
25	---	---	---	---	28.491	---	---	28.548	---	---	---	---	25
26	---	---	---	---	28.492	28.507	---	28.548	---	28.387	---	---	26
27	---	---	---	---	28.492	---	---	28.548	---	---	---	---	27
28	---	---	---	---	28.492	---	---	---	---	---	---	---	28
29	---		---	---	---	28.488	---	---	28.472	---	---	---	29
30	---		---	---	---	---	28.589	---	---	---	---	---	30
31	---		---		---		---	28.577		---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 37 43 N
LONG 107 23 41 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DORE RIVER NEAR THE MOUTH - STATION NO. 06AG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 470	2 000	3 370	3 690	11 9	6 75	9 58	5 92	3 01	2 10	2 040	1 720	1
2	1 480	2 120	3 250	3 650	11 7	6 46	10 1	5 31	2 95	2 02	2 150	1 770	2
3	1 540	2 170	3 220	3 660	11 5	6 45	8 80	4 83	3 00	2 06	2 050	1 870	3
4	1 670	2 210	3 280	3 650	11 2	6 84	7 88	4 49	3 13	2 08	1 820	2 010	4
5	1 700	2 260	3 370	4 670	10 9	8 72	6 99	4 12	3 22	2 10	1 780	2 100	5
6	1 780	2 250	3 410	4 660	10 7	6 45	6 52	3 87	3 18	2 06	2 250	2 150	6
7	1 780	2 260	3 380	4 640	10 5	6 31	6 21	3 82	3 07	2 12	1 940	1 870	7
8	1 760	2 240	3 230	4 620	10 0	5 95	5 80	3 48	2 93	2 36	2 070	2 120	8
9	1 720	2 350	2 820	4 700	9 64	5 58	7 03	3 57	2 88	2 55	2 360	2 310	9
10	1 760	2 560	2 960	5 020	9 66	5 75	8 37	3 50	2 86	2 43	2 180	1 820	10
11	1 770	2 480	3 180	5 120	9 55	7 72	7 83	4 34	2 81	2 30	2 250	2 050	11
12	1 810	3 170	3 000	4 950	9 17	7 40	7 29	5 83	2 74	2 30	2 030	2 520	12
13	1 820	3 470	2 880	4 790	9 05	6 61	6 76	5 18	2 86	2 31	2 060	2 970	13
14	1 740	3 440	3 180	4 820	8 85	6 83	6 39	5 48	2 58	2 18	1 420	2 370	14
15	1 650	3 380	3 440	5 300	8 75	6 46	6 83	4 84	2 51	2 11	1 630	1 850	15
16	1 680	3 420	3 530	6 410	8 36	6 23	6 86	4 88	2 82	2 25	1 810	1 380	16
17	1 780	3 530	3 580	8 580	8 07	6 86	6 26	4 84	2 68	2 24	1 520	1 730	17
18	1 780	3 580	3 650	12 6 8	7 85	6 60	6 04	4 52	2 37	2 16	1 420	2 460	18
19	1 840	3 520	3 710	15 1 8	7 80	6 04	5 84	4 22	2 34	2 04	1 500	2 560	19
20	1 910	3 660	3 720	14 5	7 83	3 70	5 27	4 15	2 34	2 07	1 670	2 500	20
21	1 880	4 080	3 660	14 2	7 81	3 52	5 52	3 97	2 30	2 13	1 650	2 610	21
22	1 810	4 000	4 260	13 8	7 50	3 42	6 13	3 76	2 21	2 16	1 490	2 200	22
23	1 940	3 890	4 050	13 5	7 34	3 16	5 58	3 56	2 17	2 16	1 350	2 030	23
24	1 660	3 900	3 880	13 4	7 25	3 03	5 23	3 53	2 16	1 820	1 270	1 960	24
25	1 900	3 700	3 600	13 4	7 03	2 82	5 16	3 47	2 30	2 088	1 440	1 830	25
26	1 920	3 360	3 780	13 4	6 76	2 74	4 78	3 62	2 17	2 040	1 480	1 820	26
27	1 930	3 270	3 700	13 1	6 62	2 66	4 41	3 53	2 16	1 810	1 480	1 810	27
28	1 980	3 410	2 850	12 7	6 92	2 58	4 52	3 36	2 16	1 840	1 530	1 910	28
29	2 000		3 210	12 4	7 41	2 61	5 78	3 38	2 11	2 110	1 520	2 040	29
30	2 070		3 360	12 1	7 52	4 32	7 34	3 32	2 06	2 020	1 580	2 220	30
31	1 850		3 720		7 27		6 87	3 11		2 020		2 260	31
TOTAL	55 69	85 70	106 31	288 50	272 42	149 84	206 27	130 63	77 46	66 28	52 64	64 32	TOTAL
MEAN	1 80	3 06	3 43	8 62	8 78	4 99	6 65	4 22	2 58	2 14	1 78	2 07	MEAN
MAX	2 07	4 08	4 26	15 1	11 9	7 72	10 1	6 14	3 22	2 55	2 38	2 57	MAX
MIN	1 46	2 00	2 85	3 85	6 62	2 58	4 41	3 11	2 06	1 84	1 35	1 38	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4 15
MAXIMUM DAILY, 15 15 ON APR 15
MINIMUM DAILY, 1 350 ON NOV 23
MAXIMUM INSTANTANEOUS,
15 9 AT 06 25 CST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 49 N
LONG 107 44 37 W
DRAINAGE AREA, 2 960 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 810	JUL	17 800
FEB	7 400	AUG	11 300
MAR	9 180	SEP	6 690
APR	22 300	OCT	5 730
MAY	23 500	NOV	4 550
JUN	12 900	DEC	5 580

TOTAL DISCHARGE 132 000 dam³

DOUGLAS RIVER NEAR CLUFF LAKE - STATION NO. 07MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7 85	8 380	8 800	8 36	31 8	12 4	9 77	8 78	8 43	9 08	8 70	7 75	1
2	7 86	8 380	8 780	8 32	31 9	12 7	9 84	9 16	8 37	8 81	8 65	7 61	2
3	7 86	8 380	8 860	8 32	31 8	12 8	10 0	9 33	8 46	8 78	8 84	7 58	3
4	7 72	8 310	8 870	8 31	31 4	13 0	10 2	9 52	8 57	8 68	8 84	7 30	4
5	7 68	8 460	7 080	8 30	30 8	13 2	10 3	9 78	8 56	8 55	8 65	7 38	5
6	7 83	8 340	7 230	8 39	29 9	13 1	10 3	9 83	8 48	8 45	7 70	7 62	6
7	7 86	8 050	7 430	8 63	26 9	12 8	10 2	9 84	9 13	8 19	7 80	7 61	7
8	7 80	7 740	7 470	8 69	27 8	12 6	10 1	9 81	8 40	8 17	7 65	7 61	8
9	7 86	7 480	7 450	8 66	26 9	12 2	9 76	9 84	8 59	8 19	8 08	7 53	9
10	7 95	7 280	7 620	8 80	25 5	12 0	9 61	9 85	10 2	8 14	8 48	7 24	10
11	7 92	7 260	7 920	8 77	24 5	11 8	9 40	9 78	10 5	8 10	8 84	7 38	11
12	7 81	7 340	8 140	8 69	23 3	11 5	9 17	9 62	11 0	8 11	8 45	7 40	12
13	7 708	7 310	8 350	8 87	22 5	11 0	8 83	9 65	11 0	8 16	8 55	7 37	13
14	7 678	7 308	8 478	7 82	21 4	10 9	8 63	9 71	11 5	8 52	8 38	7 24	14
15	7 648	7 288	8 688	7 48	20 8	10 8	8 72	9 73	11 4	8 51	8 11	7 08	15
16	7 758	7 248	8 648	7 84	20 1	10 7	8 70	9 72	11 4	8 48	8 53	7 10	16
17	7 808	7 188	8 728	8 80	19 4	10 3	8 76	9 63	11 5	8 69	7 80	7 08	17
18	7 828	7 188	8 58	8 45	18 8	10 1	8 81	9 54	11 5	8 80	7 30	7 18	18
19	7 718	7 218	8 15	10 5	18 0	9 97	8 83	9 37	11 3	8 99	7 25	7 22	19
20	7 668	7 188	7 88	12 2	17 8	9 77	8 92	9 18	11 1	9 04	6 97	7 38	20
21	8 028	7 118	7 72	13 3	17 1	9 68	8 85	9 01	11 0	9 13	7 15	7 48	21
22	7 818	8 868	7 42	14 8	16 8	9 68	8 58	8 88	10 9	9 28	7 28	7 53	22
23	7 898	8 818	7 21	17 0	16 1	9 58	8 52	8 86	10 8	9 23	7 16	7 38	23
24	7 868	8 628	7 02	18 2	15 8	9 81	8 43	8 87	10 5	9 11	7 12	7 54	24
25	8 058	8 778	6 83	21 5	15 0	9 89	8 23	8 95	10 4	9 08	7 08	7 85	25
26	8 288	8 678	6 80	23 9	14 7	9 85	8 07	8 86	10 1	9 18	7 33	7 78	26
27	8 308	8 618	6 88	26 1	14 3	9 84	8 12	8 86	9 83	9 28	7 83	7 78	27
28	8 438	8 618	6 87	28 5	13 7	9 90	8 22	8 88	9 56	9 32	7 68	7 86	28
29	8 448		6 86	30 0	13 1	9 80	8 34	8 38	9 45	9 44	7 74	8 02	29
30	8 488		6 87	31 2	12 7	9 72	8 52	8 34	9 04	9 48	7 76	8 02	30
31	8 418		6 38		12 3		8 78	8 27		9 58		8 02	31
TOTAL	248 03	207 73	231 52	374 61	684 3	332 34	282 00	288 21	302 88	272 89	248 04	232 85	TOTAL
MEAN	7 94	7 43	7 47	12 5	21 4	11 1	9 10	9 30	10 1	8 80	8 20	7 51	MEAN
MAX	8 45	8 45	8 84	31 2	31 9	13 2	10 3	9 85	11 5	9 55	8 85	8 02	MAX
MIN	7 80	6 61	6 38	8 30	12 3	9 68	8 07	8 27	8 37	8 11	8 87	7 08	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10 1
MAXIMUM DAILY, 31 9 ON MAY 2
MINIMUM DAILY, 6 30 ON APR 5
MAXIMUM INSTANTANEOUS,
32 1 AT 20 10 CST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 19 20 N
LONG 109 47 10 W
DRAINAGE AREA, 1 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 380	JUL	24 400
FEB	17 900	AUG	24 900
MAR	20 000	SEP	26 200
APR	32 400	OCT	23 800
MAY	57 400	NOV	21 300
JUN	28 700	DEC	20 100

TOTAL DISCHARGE, 318 000 dam³

DOWNIE LAKE INFLOW CANAL - STATION NO 05HA070

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	5.08	0	0	0	0	0	0	---	---	1
2	---	0 B	0 B	3.27	0	0	0	0	0	0	---	---	2
3	---	0 B	0 B	3.61	0	0	0	0	0	0	---	---	3
4	---	0 B	0.4158	4.03	0	0	0	0	0	0	---	---	4
5	---	0 B	3.13 B	1.45	0	0	0	0	0	0	---	---	5
6	---	0.0028	1.83 B	0.083	0	0	0	0	0	0	---	---	6
7	---	0.0808	1.40 B	0.051	0	0	0	0	0	0	---	---	7
8	---	0.1778	0.5808	0.027	0	0	0	0	0	0	---	---	8
9	---	0.0258	0.3548	0.016	0	0	0	0	0	0	---	---	9
10	---	0.0138	0.3288	0.013	0	0	0	0	0	0	---	---	10
11	---	0.0048	0.1518	0.011	0	0	0	0	0	0	---	---	11
12	---	0.0468	0.0888	0.008	0	0	0	0	0	0	---	---	12
13	---	0.0188	0.0368	0.006	0	0	0	0	0	0	---	---	13
14	---	0.0068	0.0438	0.005	0	0	0	0	0	0	---	---	14
15	---	0.0048	0.0878	0.003	0	0	0	0	0	0	---	---	15
16	---	0.0028	0.1258	0.002	0	0	0	0	0	0	---	---	16
17	---	0.0038	0.0828	0.001	0	0	0	0	0	0	---	---	17
18	---	0.0018	0.0558	0.001	0	0	0	0	0	0	---	---	18
19	---	0 B	0.0548	0	0	0	0	0	0	0	---	---	19
20	---	0 B	0.0588	0	0	0	0	0	0	0	---	---	20
21	---	0 B	0.0438	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0.0798	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0.0778	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0.1288	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0.1538	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0.1418	0	0	0	0	0	0	0	---	---	26
27	---	0 B	0.1368	0	0	0	0	0	0	0	---	---	27
28	---	0 B	0.1488	0	0	0	0	0	0	0	---	---	28
29	---		0.2888	0	0	0	0	0	0	0	---	---	29
30	---		0.336	0	0	0	0	0	0	0	---	---	30
31	---		2.38		0		0	0		0	---	---	31
TOTAL	---	0.381	12.788	17.747	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.014	0.413	0.592	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.177	3.13	5.08	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.113
MAXIMUM DAILY, 5.08 ON APR 1
MINIMUM DAILY, 0.0 ON FEB 1
MAXIMUM INSTANTANEOUS,
6.89 AT 09:03 CST ON APR 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 06 N
LONG 109 39 10 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	32.9	AUG	0
MAR	1 100	SEP	0
APR	1 530	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 660 dam³

DOWNIE LAKE RESERVOIR NEAR MAPLE CREEK - STATION NO 05HA064

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	877.030E	877.115	878.238	878.786	877.268	876.510E	875.911	875.686	875.788	---	---	1
2	---	877.020E	877.117	878.456	878.764	877.263	876.390E	875.912	875.678	875.776	---	---	2
3	---	877.030E	877.117	878.821	878.747	877.258	876.320E	875.887	875.671	875.773	---	---	3
4	---	877.030E	877.127	878.784	878.742	877.250	876.240E	875.888	875.663	875.765	---	---	4
5	---	877.030E	877.238	878.820	878.734	877.242	876.170E	875.887	875.661	875.763	---	---	5
6	---	877.030E	877.412	878.913	878.729	877.242	876.110E	875.876	875.682	875.748	---	---	6
7	---	877.030E	877.522	878.804	878.725	877.236	876.019A	875.876	875.886	875.743	---	---	7
8	---	877.035E	877.585	878.886	878.718	877.230	875.984	875.870	875.881	875.748	---	---	8
9	---	877.040E	877.605	878.887	878.710	877.228	875.985	875.858	875.852	875.726	---	---	9
10	---	877.050A	877.621	878.885	878.698	877.228	875.957	875.857	875.845	875.720	---	---	10
11	---	877.070	877.633	878.878	878.671	877.223	875.947	875.840	875.841	875.724	---	---	11
12	---	877.083	877.643	878.880	878.804	877.220	875.945	875.825	875.837	875.722	---	---	12
13	---	877.082	877.654	878.877	878.521	877.215	875.942	875.828	875.834	875.721	---	---	13
14	---	877.103	877.680	878.874	878.428	877.206	875.935	875.855	875.825	875.713	---	---	14
15	---	877.108	877.697	878.870	878.381	877.200	875.925	875.890	875.823	875.714	---	---	15
16	---	877.113	877.721	878.880	878.278	877.198	875.918	875.887	875.815	875.703	---	---	16
17	---	877.114	877.742	878.881	878.186	877.197	875.909	875.887	875.840	875.712	---	---	17
18	---	877.111	877.784	878.885	878.087	877.208	875.908	875.891	875.842	875.708	---	---	18
19	---	877.113	877.742	878.827	878.008	877.240	875.908	875.887	875.833	875.707	---	---	19
20	---	877.115	877.803	878.830	877.908	877.283	875.911	875.883	875.819	875.690	---	---	20
21	---	877.115	877.821	878.827	877.815	877.328	875.905	875.879	875.828	875.696	---	---	21
22	---	877.114	877.841	878.820	877.733	877.295	875.912	875.878	875.831	875.691	---	---	22
23	---	877.115	877.849	878.808	877.648	877.240	875.913	875.875	875.834	875.686	---	---	23
24	---	877.114	877.855	878.807	877.563	877.190A	875.912	875.893	875.828	875.678	---	---	24
25	---	877.115	877.863	878.804	877.484	877.080E	875.911	875.907	875.818	875.691	---	---	25
26	---	877.115	877.878	878.784	877.433	876.940E	875.914	875.910	875.818	875.692	---	---	26
27	---	877.117	877.901	878.787	877.384	876.850E	875.907	875.906	875.815	875.684	---	---	27
28	---	877.115	877.911	878.788	877.355	876.750E	875.911	875.906	875.803	875.683A	---	---	28
29	---		877.922	878.775	877.324	876.680E	875.923	875.907	875.801	875.682E	---	---	29
30	---		877.944	878.773	877.289	876.600E	875.922	875.885	875.788	875.681E	---	---	30
31	---		878.029		877.278		875.930	875.882		875.680E	---	---	31
MEAN	---	877.081	877.858	878.804	878.152	877.182	876.000	875.882	875.837	875.716	---	---	MEAN
MAX	---	877.117	878.029	878.820	878.786	877.329	876.510	875.912	875.886	875.786	---	---	MAX
MIN	---	877.030	877.115	878.238	877.278	876.600	875.905	875.825	875.788	875.678	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 878.830 ON APR 5

MAXIMUM INSTANTANEOUS,
878.936 AT 11:30 CST ON APR 5

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 01 N
LONG 109 40 48 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA
25.1 km²

DRAGLINE CHANNEL NEAR SQUAW RAPIDS - STATION NO. 05KH011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.11 B	0.8528	0.5698	0.5148	0.581	0.882	0.850	1.30	1.74	0.381	0.860	0.1088	1
2	1.00 B	0.9888	0.6008	1.05 B	0.581	0.879	0.822	1.10	0.609	0.587	0.702	0.1768	2
3	0.5878	1.00 B	0.7078	0.5618	0.520	0.841	0.458	0.871	5.34	0.582	0.662	0.8718	3
4	0.5718	0.8878	0.7938	0.5358	0.482	0.825	0.404	0.618	9.07	0.672	0.672	1.59 B	4
5	0.6308	0.9758	0.7878	0.5858	0.488	0.878	0.393	0.805	4.24	1.17	0.8858	1.22 B	5
6	0.9028	0.8688	0.8218	0.5208	0.529	0.833	0.487	0.822	1.44	1.52	0.7188	0.5288	6
7	0.9948	0.7918	0.7898	0.4948	0.517	0.884	0.881	0.526	0.745	7.00	0.6658	0.3248	7
8	1.05 B	0.6818	0.6498	0.3578	0.483	0.872	2.58	0.486	0.525	11.0	1.13 B	0.2298	8
9	1.11 B	0.7468	0.7818	0.3578	0.472	0.885	0.885	0.401	2.21	7.23	0.8188	0.5548	9
10	0.9658	0.7408	0.8788	0.4808	0.460	0.887	3.08	0.521	7.43	2.14	0.5178	1.04 B	10
11	0.9188	0.7028	1.01 B	0.4648	0.383	0.738	4.00	3.93	10.2	0.703	0.3808	1.13 B	11
12	0.6738	0.7888	0.8558	0.8718	0.387	0.728	0.832	3.84	4.84	0.527	0.1848	1.10 B	12
13	0.7388	0.8158	1.07 B	0.7608	0.441	0.778	0.814	3.81	2.20	0.578	0.2088	1.12 B	13
14	0.6028	0.8788	0.7488	0.8218	0.462	0.847	0.597	3.18	0.738	3.08	0.2348	1.03 B	14
15	0.8188	0.8428	0.8988	0.8158	0.471	0.884	0.484	7.58	3.83	2.24	0.3788	0.8958	15
16	0.8258	0.5748	0.9148	0.8198	0.478	0.838	0.875	1.37	4.71	8.34	0.7078	0.8028	16
17	0.8578	0.7888	1.08 B	0.7888	0.432	0.508	5.36	1.88	8.71	1.45	1.21 B	0.2688	17
18	0.8838	0.9218	1.01 B	0.7788	0.388	0.378	3.93	10.0	7.20	1.36	0.8278	0.8208	18
19	1.00 B	0.7418	0.8878	0.784	0.390	0.347	0.839	1.38	5.82	0.855	0.6388	1.70 B	19
20	1.05 B	0.8738	0.8818	0.748	0.433	0.381	0.803	2.88	8.48	0.733	0.7508	0.7498	20
21	0.7818	0.7588	0.8948	0.738	0.453	0.238	0.882	8.58	2.17	0.505	0.8778	0.8238	21
22	0.7908	0.5398	0.8858	0.742	0.719	0.188	0.538	8.80	9.03	0.833	0.7718	0.6358	22
23	0.8208	0.8588	0.8718	0.783	1.13	0.135	0.434	0.896	1.84	0.854	0.8588	0.7158	23
24	0.8848	0.7588	0.8118	0.742	0.878	0.092	1.37	1.08	0.842	1.02	0.2328	0.5878	24
25	0.9488	0.7928	0.8118	0.884	0.878	0.788	5.10	2.38	0.741	1.11	0.2098	0.6488	25
26	0.8358	0.7418	0.8088	0.587	1.04	0.887	4.50	3.18	0.859	1.01	0.2428	0.5788	26
27	1.02 B	0.8848	0.7908	0.810	0.887	2.58	2.44	8.81	2.59	1.04	0.1818	0.8028	27
28	0.7138	0.8988	0.8988	0.850	1.30	0.758	1.28	4.42	0.895	1.04	0.1288	0.5878	28
29	0.7278		0.8058	0.818	1.41	0.507	1.19	4.21	0.537	0.933	0.1048	0.8128	29
30	0.8678		0.8188	0.898	1.23	0.450	1.30	1.58	0.348	0.784	0.1078	0.8968	30
31	0.8928		0.8078		0.988		1.48	2.77		0.784		1.02 B	31
TOTAL	27.333	22.088	28.124	20.018	20.012	20.324	48.188	88.107	108.808	88.886	15.884	23.584	TOTAL
MEAN	0.881	0.788	0.843	0.887	0.846	0.877	1.56	2.87	3.83	2.16	0.832	0.760	MEAN
MAX	1.11	1.00	1.09	1.09	1.41	2.58	5.36	10.0	10.2	11.0	1.21	1.70	MAX
MIN	0.871	0.838	0.888	0.357	0.388	0.092	0.393	0.401	0.348	0.381	0.104	0.108	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.34
MAXIMUM DAILY, 11.0 ON OCT 8
MINIMUM DAILY, 0.092 ON JUN 24
MAXIMUM INSTANTANEOUS,
15.4 AT 08 10 CST ON SEP 11

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 102 56 25 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 380	JUL	4 180
FEB	1 910	AUG	7 700
MAR	2 260	SEP	8 400
APR	1 730	OCT	5 780
MAY	1 730	NOV	1 380
JUN	1 760	DEC	2 040

TOTAL DISCHARGE, 42 200 dam³

DUCK CREEK NEAR KELVINGTON - STATION NO. 05LA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.001E	0E	0E	0E	0E	0E	---	---	1
2	---	---	0B	0 B	0.001E	0E	0E	0E	0A	0E	---	---	2
3	---	---	0B	0 B	0 E	0E	0E	0E	0E	0E	---	---	3
4	---	---	0B	0.742B	0 E	0E	0E	0E	0E	0E	---	---	4
5	---	---	0B	7.84 B	0 E	0E	0E	0E	0E	0E	---	---	5
6	---	---	0B	6.38	0 E	0E	0E	0E	0E	0E	---	---	6
7	---	---	0B	6.23	0 E	0E	0E	0E	0E	0E	---	---	7
8	---	---	0B	5.18	0 E	0E	0E	0E	0E	0E	---	---	8
9	---	---	0B	3.24	0 E	0E	0E	0E	0E	0E	---	---	9
10	---	---	0B	2.10 A	0 E	0E	0E	0E	0E	0E	---	---	10
11	---	---	0B	1.75 E	0 E	0E	0E	0E	0E	0E	---	---	11
12	---	---	0B	1.30 E	0 E	0E	0E	0E	0E	0E	---	---	12
13	---	---	0B	1.00 E	0 E	0E	0E	0E	0E	0E	---	---	13
14	---	---	0B	0.802A	0 E	0E	0E	0E	0E	0E	---	---	14
15	---	---	0B	0.650E	0 E	0E	0E	0E	0E	0E	---	---	15
16	---	---	0B	0.500A	0 E	0E	0E	0E	0E	0E	---	---	16
17	---	---	0B	0.400E	0 E	0E	0E	0E	0E	0E	---	---	17
18	---	---	0B	0.320E	0 E	0A	0E	0E	0E	0E	---	---	18
19	---	---	0B	0.250E	0 E	0E	0E	0E	0E	0E	---	---	19
20	---	---	0B	0.200E	0 E	0E	0E	0E	0E	0E	---	---	20
21	---	---	0B	0.150E	0 A	0E	0E	0E	0E	0E	---	---	21
22	---	---	0B	0.110E	0 E	0E	0E	0E	0E	0E	---	---	22
23	---	---	0B	0.091A	0 E	0E	0E	0E	0E	0E	---	---	23
24	---	---	0B	0.070E	0 E	0E	0E	0E	0E	0E	---	---	24
25	---	---	0B	0.050E	0 E	0E	0E	0E	0E	0E	---	---	25
26	---	---	0B	0.038E	0 E	0E	0E	0E	0E	0E	---	---	26
27	---	---	0B	0.025E	0 E	0E	0E	0E	0E	0E	---	---	27
28	---	---	0B	0.015E	0 E	0E	0A	0E	0E	0A	---	---	28
29	---		0B	0.006E	0 E	0E	0E	0E	0E	0E	---	---	29
30	---		0B	0.002E	0 E	0E	0E	0E	0A	0E	---	---	30
31	---		0B		0 E		0E	0E		0E		---	31
TOTAL	---	---	0	41.418	0.002	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.38	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	8.38	0.001	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.169
MAXIMUM DAILY, 8.38 ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
9.58 AT 19 58 CST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 40 N
LONG 103 37 34 W
DRAINAGE AREA, 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	3 580	OCT	0
MAY	0.17	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 580 dam³

REMARKS - CHANNEL DREDGED AND STATION REBUILT IN OCTOBER, 1986

EAGLE CREEK NEAR ANGLIA - STATION NO 05EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2 01 B	0 234	0 017E	0 031E	0 008	0	0 001	---	---	1
2	---	---	0 B	2 58 B	0 189	0 018E	0 020E	0 008	0	0 002	---	---	2
3	---	---	0 B	1 71 B	0 132	0 018E	0 020E	0 005	0 001	0 002	---	---	3
4	---	---	0 B	1 30 B	0 089	0 015E	0 021E	0 005	0 001	0 003	---	---	4
5	---	---	0 0018	1 07 B	0 048	0 015E	0 020E	0 005	0 001	0 003	---	---	5
6	---	---	0 0388										
7	---	---	0 0408	0 8748	0 032	0 014E	0 020E	0 004	0 001	0 003	---	---	6
8	---	---	0 0158	0 707	0 024	0 014E	0 020A	0 004	0 001	0 004	---	---	7
9	---	---	0 0068	0 502	0 021	0 013E	0 021	0 004	0 001	0 004	---	---	8
10	---	---	0 B	0 352	0 021	0 018E	0 022	0 004	0 001	0 004	---	---	9
			0 B	0 284	0 020	0 018E	0 018	0 004	0 001	0 007	---	---	10
11	---	---											
12	---	---	0 2428	0 280	0 018	0 018E	0 017	0 004	0 001	0 007	---	---	11
13	---	---	0 6538	0 217	0 018	0 018E	0 017	0 003	0 001	0 007	---	---	12
14	---	---	0 1748	0 181	0 018	0 014E	0 015	0 003	0	0 007	---	---	13
15	---	---	0 0858	0 188	0 018	0 013E	0 013	0 004	0 001	0 011	---	---	14
			0 1038	0 131	0 017	0 013E	0 012	0 004	0 001	0 014	---	---	15
16	---	---											
17	---	---	0 0488	0 128	0 018	0 013E	0 011	0 004	0 001	0 011	---	---	16
18	---	---	0 0818	0 147	0 018	0 013E	0 011	0 004	0 001	0 010	---	---	17
19	---	---	0 1868	0 185	0 015	0 012E	0 010	0 004	0 001	0 009	---	---	18
20	---	---	0 0808	0 280	0 016	0 013E	0 012	0 003	0 001	0 008	---	---	19
			0 0878	0 276	0 018A	0 013E	0 013	0 004	0 001	0 008	---	---	20
21	---	---											
22	---	---	0 2398	0 297	0 018E	0 013E	0 012	0 004	0 001	0 009	---	---	21
23	---	---	0 3108	0 282	0 015E	0 013E	0 011	0 003	0 001	0 010	---	---	22
24	---	---	0 4478	0 236	0 015E	0 012E	0 010	0 002	0 001	0 010	---	---	23
25	---	---	0 4488	0 219	0 016E	0 012E	0 010	0 002	0 001	0 010	---	---	24
			0 5478	0 198	0 018E	0 012E	0 008	0 002	0 001	0 011	---	---	25
26	---	---											
27	---	---	1 16 B	0 167	0 017E	0 012E	0 008	0 001	0 001	0 012	---	---	26
28	---	---	2 36 B	0 140	0 018A	0 012E	0 008	0 001	0 001	0 012A	---	---	27
29	---	---	2 89 B	0 119	0 018E	0 013E	0 008	0 001	0 001	0 012E	---	---	28
30	---	---	3 16 B	0 098	0 018E	0 013E	0 007	0 001	0 001	0 012E	---	---	29
31	---		1 89 B	0 170	0 018E	0 020E	0 007	0 001	0 001	0 012E	---	---	30
			2 07 B		0 018E		0 007	0 001		0 012E	---	---	31
TOTAL	---	---	17 455	15 298	1 134	0 416	0 431	0 103	0 027	0 281	---	---	TOTAL
MEAN	---	---	0 563	0 510	0 037	0 014	0 014	0 003	0 001	0 008	---	---	MEAN
MAX	---	---	3 16	2 58	0 234	0 020	0 022	0 008	0 001	0 014	---	---	MAX
MIN	---	---	0	0 088	0 015	0 012	0 007	0 001	0	0 001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 143
MAXIMUM DAILY, 3 198 ON MAR 29
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
3 719 AT 20 04 CST ON MAR 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 43 N
LONG 105 10 58 W
DRAINAGE AREA, 3 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	37 2
FEB	---	AUG	8 80
MAR	1 510	SEP	2 33
APR	1 320	OCT	21 7
MAY	88 0	NOV	---
JUN	35 9	DEC	---

TOTAL DISCHARGE, 3 030 dam³

EAGLE CREEK NEAR ENVIRON - STATION NO 05EC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0308	0 3478	0 481	0 131	0 027	0 058	0 082	0 014	---	---	1
2	---	---	0 0308	0 3458	0 490	0 058	0 028	0 085	0 083	0 014	---	---	2
3	---	---	0 0308	0 3618	0 486	0 031	0 021	0 062	0 081	0 014	---	---	3
4	---	---	0 0458	0 4088	0 483	0 036	0 024	0 047	0 082	0 020	---	---	4
5	---	---	0 0658	1 35 B	0 403	0 080	0 028	0 058	0 087	0 017	---	---	5
6	---	---											
7	---	---	0 2038	3 01 B	0 385	0 054	0 025	0 058	0 058	0 025	---	---	6
8	---	---	0 3458	4 52 B	0 390	0 041	0 029	0 047	0 051	0 023	---	---	7
9	---	---	0 0758	3 56 B	0 380	0 040	0 041	0 046	0 043	0 024	---	---	8
10	---	---	0 0798	3 11 B	0 311	0 033	0 038	0 029	0 053	0 020	---	---	9
			0 0758	2 70 B	0 249	0 027	0 042	0 042	0 082	0 031	---	---	10
11	---	---											
12	---	---	0 0808	2 71 B	0 235	0 021	0 049	0 076	0 084	0 030	---	---	11
13	---	---	0 0758	2 53	0 205	0 018	0 043	0 067	0 068	0 022	---	---	12
14	---	---	0 0828	2 32	0 188	0 012	0 044	0 047	0 043	0 023	---	---	13
15	---	---	0 0648	2 06	0 178	0 008	0 040	0 040	0 034	0 018	---	---	14
			0 0718	1 91	0 150	0 015	0 038	0 043	0 029	0 021	---	---	15
16	---	---											
17	---	---	0 0638	1 80	0 151	0 015	0 039	0 035	0 030	0 025	---	---	16
18	---	---	0 0698	1 64	0 136	0 013	0 045	0 083	0 028	0 024	---	---	17
19	---	---	0 0868	1 48	0 102	0 011	0 054	0 053	0 023	0 025	---	---	18
20	---	---	0 0828	1 32	0 107	0 010	0 045	0 041	0 021	0 028	---	---	19
			0 2228	1 16	0 088	0 009	0 035	0 033	0 020	0 024	---	---	20
21	---	---											
22	---	---	0 8818	1 03	0 111	0 008	0 041	0 045	0 019	0 029	---	---	21
23	---	---	0 9888	0 944	0 093	0 015	0 038	0 042	0 018	0 029	---	---	22
24	---	---	0 3018	0 892	0 098	0 012	0 059	0 047	0 015	0 032	---	---	23
25	---	---	0 1158	0 842	0 090	0 012	0 065	0 044	0 012	0 030	---	---	24
			0 2568	0 891	0 085	0 011	0 087	0 042	0 013	0 039	---	---	25
26	---	---											
27	---	---	0 8938	0 857	0 081	0 013	0 071	0 044	0 014	0 045	---	---	26
28	---	---	0 8518	0 786	0 071	0 008	0 069	0 045	0 014	0 041	---	---	27
29	---	---	0 2948	0 778	0 114	0 003	0 070	0 054	0 014	0 045A	---	---	28
30	---	---	0 1718	0 841	0 139	0 005	0 087	0 071	0 018	0 045E	---	---	29
31	---	---	0 2568	0 513	0 096	0 018	0 063	0 085	0 014	0 045E	---	---	30
			0 4078		0 173		0 048	0 072		0 045E	---	---	31
TOTAL	---	---	8 930	48 837	5 718	0 795	1 405	1 587	1 030	0 844	---	---	TOTAL
MEAN	---	---	0 224	1 58	0 217	0 038	0 045	0 051	0 034	0 027	---	---	MEAN
MAX	---	---	0 891	4 52	0 490	0 131	0 087	0 074	0 082	0 045	---	---	MAX
MIN	---	---	0 030	0 245	0 071	0 003	0 021	0 029	0 012	0 014	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 270
MAXIMUM DAILY, 4 520 ON APR 7
MINIMUM DAILY, 0 003 ON JUN 26
MAXIMUM INSTANTANEOUS,
5 310 AT 15 34 CST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 50 N
LONG 107 22 40 W
DRAINAGE AREA, 11 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	121
FEB	---	AUG	139
MAR	800	SEP	89 0
APR	4 080	OCT	72 5
MAY	580	NOV	---
JUN	84 4	DEC	---

TOTAL DISCHARGE, 5 710 dam³

EAST POPLAR RIVER ABOVE COOKSON RESERVOIR - STATION NO 11AE014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 8	0 8	3.37	0	0	0	0	0	0	---	---	1
2	---	0 8	0 8	0.728	0.001	0	0	0	0	0	---	---	2
3	---	0 8	0.0018	0.451	0.001	0	0	0	0	0	---	---	3
4	---	0 8	0.0018	0.328	0.001	0	0	0	0	0	---	---	4
5	---	0 8	0.0028	0.189	0	0	0	0	0	0	---	---	5
6	---	0 8	0.0088	0.088	0	0	0	0	0	0	---	---	6
7	---	0.1748	0.0488	0.050	0	0	0	0	0	0	---	---	7
8	---	0.5178	0.1328	0.015	0	0	0	0	0	0	---	---	8
9	---	0.2828	0.0238	0.006	0	0	0	0	0	0	---	---	9
10	---	0.2198	0.0078	0.003	0	0	0	0	0	0	---	---	10
11	---	0.2088	0.0058	0.002	0	0	0	0	0	0	---	---	11
12	---	0.1588	0.0048	0.002	0	0	0	0	0	0	---	---	12
13	---	0.1488	0.0048	0.001	0	0	0	0	0	0	---	---	13
14	---	0.9958	0.0048	0.001	0	0	0	0	0	0	---	---	14
15	---	0.3438	0.0038	0.001	0	0	0	0	0	0	---	---	15
16	---	0.1078	0.0038	0	0	0	0	0	0	0	---	---	16
17	---	0.0598	0.0038	0	0	0	0	0	0	0	---	---	17
18	---	0.0328	0.0038	0	0	0	0	0	0	0	---	---	18
19	---	0.0138	0.0038	0.181	0	0	0	0	0	0	---	---	19
20	---	0.0088	0.0038	0.026	0	0	0	0	0	0	---	---	20
21	---	0.0108	0.0048	0.003	0	0	0	0	0	0	---	---	21
22	---	0.0048	0.0038	0.002	0	0	0	0	0	0	---	---	22
23	---	0.0038	0.0038	0.001	0	0	0	0	0	0	---	---	23
24	---	0.0028	0.0038	0.001	0	0	0	0	0	0	---	---	24
25	---	0.0028	0.0108	0.001	0	0	0	0	0	0	---	---	25
26	---	0.0018	0.1748	0.001	0	0	0	0	0	0	---	---	26
27	---	0.0018	0.8918	0	0	0	0	0	0	0	---	---	27
28	---	0 8	0.5838	0	0	0	0	0	0	0	---	---	28
29	---		0.3638	0	0	0	0	0	0	0	---	---	29
30	---		0.2748	0	0	0	0	0	0	0	---	---	30
31	---		2.41 8		0		0	0		0		---	31
TOTAL	---	3.283	4.806	5.488	0.003	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.117	0.155	0.182	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.995	2.41	3.37	0.001	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.050
MAXIMUM DAILY, 3.37 ON APR 1
MINIMUM DAILY, 0.0 ON FEB 1
MAXIMUM INSTANTANEOUS,
8.20 AT 01 35 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 51 N
LONG 105 32 36 W
DRAINAGE AREA, 143 km²

8 - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	284	AUG	0
MAR	415	SEP	0
APR	472	OCT	0
MAY	0.28	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 170 dam³

EAST POPLAR RIVER AT INTERNATIONAL BOUNDARY - STATION NO 11AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.074	0.078	0.078	0.122	0.453	0.170	0.071	0.078	0.085	0.074	0.078	0.074	1
2	0.074	0.078	0.078	0.118	0.384	0.119	0.062	0.071	0.085	0.068	0.078	0.074	2
3	0.074	0.078	0.085	0.108	0.283	0.085	0.059	0.068	0.068	0.071	0.076	0.074	3
4	0.074	0.078	0.083	0.098	0.278	0.074	0.062	0.068	0.085	0.078	0.078	0.074	4
5	0.074	0.078	0.088	0.088	0.340	0.071	0.065	0.071	0.085	0.068	0.074	0.074	5
6	0.074	0.082	0.102	0.088	0.311	0.078	0.085	0.085	0.068	0.068	0.078	0.074	6
7	0.071	0.068	0.108	0.088	0.311	0.071	0.078	0.085	0.085	0.065	0.078	0.078	7
8	0.071	0.065	0.083	0.083	0.340	0.085	0.068	0.085	0.085	0.082	0.074	0.078	8
9	0.071	0.062	0.062	0.130	0.311	0.062	0.068	0.085	0.068	0.068	0.074	0.074	9
10	0.068	0.065	0.078	0.180	0.340	0.078	0.093	0.068	0.078	0.071	0.078	0.078	10
11	0.071	0.062	0.078	0.133	0.311	0.078	0.081	0.071	0.074	0.078	0.078	0.078	11
12	0.074	0.068	0.078	0.110	0.340	0.074	0.078	0.065	0.071	0.074	0.078	0.074	12
13	0.078	0.062	0.082	0.086	0.340	0.068	0.074	0.065	0.068	0.078	0.078	0.074	13
14	0.071	0.062	0.085	0.088	0.340	0.062	0.071	0.071	0.065	0.068	0.078	0.071	14
15	0.065	0.062	0.085	0.088	0.340	0.059	0.068	0.081	0.068	0.074	0.078	0.071	15
16	0.068	0.078	0.085	0.118	0.340	0.062	0.065	0.062	0.074	0.078	0.074	0.071	16
17	0.068	0.062	0.085	0.481	0.340	0.065	0.065	0.078	0.074	0.078	0.078	0.071	17
18	0.071	0.062	0.085	0.510	0.340	0.059	0.081	0.078	0.071	0.074	0.074	0.071	18
19	0.071	0.065	0.065	0.851	0.388	0.062	0.110	0.074	0.068	0.078	0.074	0.078	19
20	0.071	0.065	0.068	0.588	0.340	0.074	0.093	0.068	0.068	0.078	0.074	0.078	20
21	0.074	0.062	0.081	0.585	0.311	0.071	0.065	0.068	0.068	0.068	0.078	0.074	21
22	0.074	0.062	0.081	0.585	0.340	0.071	0.065	0.062	0.068	0.078	0.078	0.074	22
23	0.071	0.062	0.068	0.538	0.340	0.071	0.078	0.065	0.068	0.078	0.078	0.071	23
24	0.074	0.078	0.065	0.538	0.340	0.068	0.078	0.068	0.065	0.078	0.078	0.068	24
25	0.071	0.062	0.068	0.538	0.340	0.065	0.071	0.068	0.065	0.078	0.078	0.068	25
26	0.074	0.065	0.088	0.538	0.340	0.062	0.068	0.078	0.068	0.082	0.078	0.068	26
27	0.074	0.078	0.105	0.538	0.388	0.062	0.071	0.074	0.078	0.071	0.078	0.071	27
28	0.074	0.078	0.091	0.538	0.340	0.065	0.068	0.071	0.078	0.074	0.074	0.071	28
29	0.078		0.085	0.510	0.340	0.065	0.068	0.071	0.074	0.074	0.074	0.071	29
30	0.078		0.068	0.510	0.340	0.065	0.088	0.065	0.071	0.074	0.074	0.068	30
31	0.078		0.105		0.340		0.091	0.068		0.078		0.082	31
TOTAL	2.251	2.298	2.780	9.377	10.473	2.201	2.397	2.189	2.073	2.315	2.275	2.249	TOTAL
MEAN	0.073	0.082	0.088	0.313	0.338	0.073	0.077	0.071	0.069	0.075	0.076	0.073	MEAN
MAX	0.078	0.088	0.105	0.851	0.453	0.170	0.110	0.091	0.078	0.088	0.078	0.078	MAX
MIN	0.065	0.078	0.078	0.088	0.278	0.059	0.059	0.062	0.065	0.065	0.074	0.082	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.117
MAXIMUM DAILY, 0.851 ON APR 19
MINIMUM DAILY, 0.059 ON JUN 15
MAXIMUM INSTANTANEOUS,
0.908 AT 15 00 CST ON APR 19

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 58 N
LONG 105 24 32 W
DRAINAGE AREA, 1 400 km²

REGULATED SINCE 1975

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	194	JUL	207
FEB	198	AUG	189
MAR	238	SEP	179
APR	810	OCT	200
MAY	905	NOV	197
JUN	190	DEC	194

TOTAL DISCHARGE, 3 700 dam³

EASTEND CANAL - STATION NO 11AC052

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	1.30 A	0	0	0	---	---	6
7	---	---	0	0	0	0	1.98	0	0	0	---	---	7
8	---	---	0	0	0	0	1.98	0	0	0	---	---	8
9	---	---	0	0	0	0	1.94	0	0	0	---	---	9
10	---	---	0	0	0	0	1.92	0	0	0	---	---	10
11	---	---	0	0	0	0	1.98	0	0	0	---	---	11
12	---	---	0	0	0	0	1.91	0	0	0	---	---	12
13	---	---	0	0	0.614A	0	1.67	0	0	0	---	---	13
14	---	---	0	0	1.62	0	1.61	0	0	0	---	---	14
15	---	---	0	0	1.91	0	1.59	0	0	0	---	---	15
16	---	---	0	0	1.98	0	1.49	0	0	0	---	---	16
17	---	---	0	0	2.00	0	1.16	0	0	0	---	---	17
18	---	---	0	0	2.03	0	0.311	0	0	0	---	---	18
19	---	---	0	0	2.03	0	0.176	0	0	0	---	---	19
20	---	---	0	0	2.07	0	0.113	0	0	0	---	---	20
21	---	---	0	0	2.05	0	0	0	0	0	---	---	21
22	---	---	0	0	2.08	0	0	0	0	0	---	---	22
23	---	---	0	0	2.09	0	0	0	0	0	---	---	23
24	---	---	0	0	2.08	0	0	0	0	0	---	---	24
25	---	---	0	0	2.08	0	0	0	0	0	---	---	25
26	---	---	0	0	2.08	0	0	0	0	0	---	---	26
27	---	---	0	0	1.80	0	0	0	0	0	---	---	27
28	---	---	0	0	1.49	0	0	0	0	0	---	---	28
29	---		0	0	0.773	0	0	0	0	0	---	---	29
30	---		0	0	0.438	0	0	0	0	0	---	---	30
31	---		0		0.053		0	0		0	---	---	31
TOTAL	---	---	0	0	31.546	0	21.479	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	1.02	0	0.693	0	0	0	---	---	MEAN
MAX	---	---	0	0	2.09	0	1.98	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.216
MAXIMUM DAILY, 2.09 ON MAY 23
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 21 N
LONG 108 50 56 W

A - MANUAL GAUGE

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 880
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	2 730	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 4 590 dam³

EASTEND RESERVOIR - STATION NO. 11AC055

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	915.570E	917.889	918.318	917.181	917.817	917.181	917.625	915.985	---	---	1
2	---	---	915.578E	917.938	918.314	917.187	917.837	917.232	917.632	916.041	---	---	2
3	---	---	915.585E	917.805	918.312	917.231	917.862	917.285	917.634	916.107	---	---	3
4	---	---	915.595E	917.827	918.312	917.281	917.875	917.294	917.630	916.158	---	---	4
5	---	---	915.613A	917.949	918.382	917.320	917.886	917.320	917.643	916.184	---	---	5
6	---	---	915.625E	917.938	918.395A	917.335	917.885	917.332	917.648	916.237	---	---	6
7	---	---	916.078A	917.985	918.434A	917.357	917.758	917.348	917.656	916.280	---	---	7
8	---	---	916.403	917.998	918.458	917.383	917.847	917.352	917.647	916.321	---	---	8
9	---	---	916.643	917.944	918.470	917.407	917.516	917.357	917.583	916.365	---	---	9
10	---	915.542A	917.058	917.938	918.478	917.439	917.373	917.382	917.516	916.399	---	---	10
11	---	---	917.154	918.026	918.486	917.484	917.231	917.383	917.448	916.442	---	---	11
12	---	---	917.161	918.104	918.480	917.492	917.083	917.381	917.386	916.488	---	---	12
13	---	---	917.120	918.167	918.462	917.515	916.922	917.384	917.324	916.529	---	---	13
14	---	---	917.248	918.174	918.418	917.531	916.736	917.378	917.283	916.567	---	---	14
15	---	---	917.447	918.184	918.344	917.543	916.520	917.404	917.202	916.609	---	---	15
16	---	---	917.495	918.152	918.248	917.559	916.298	917.425	917.144	916.643	---	---	16
17	---	---	917.512	918.141	918.149	917.572	915.954	917.450	917.088	916.688	---	---	17
18	---	915.542A	917.622	918.132	918.080	917.578	915.786	917.458	917.020	916.719	---	---	18
19	---	---	917.647	918.120	917.978	917.587	915.786A	917.480	916.955	916.756	---	---	19
20	---	---	917.542	918.097	917.881	917.598	915.785	917.482	916.882	916.761	---	---	20
21	---	---	917.510	918.102	917.789	917.614	915.900A	917.488	916.805	916.819	---	---	21
22	---	---	917.527	918.113	917.708	917.622	916.023	917.488	916.730	916.854	---	---	22
23	---	---	917.537	918.136	917.584	917.630	916.134	917.472	916.644	916.891	---	---	23
24	---	---	917.512	918.185	917.457	917.640	916.218	917.482	916.555	916.928	---	---	24
25	---	915.587A	917.487	918.251	917.342	917.649	916.284	917.506	916.474	916.987	---	---	25
26	---	---	917.576	918.290	917.251	917.665	916.341	917.530	916.352	917.008	---	---	26
27	---	---	917.784	918.305	917.158	917.689	916.398	917.586	916.303	917.034A	---	---	27
28	---	---	917.803	918.308	917.089	917.724	916.451	917.578	916.206	917.088E	---	---	28
29	---		917.827	918.307	917.085	917.761	916.713	917.584	916.118	917.105E	---	---	29
30	---		917.858	918.310	917.085	917.789	916.899	917.603	916.037	917.140E	---	---	30
31	---		917.872		917.105		917.031	917.616		917.180E	---	---	31
MEAN	---	---	917.038	918.094	917.958	917.510	916.835	917.421	917.073	916.822	---	---	MEAN
MAX	---	---	917.872	918.310	918.480	917.789	917.885	917.616	917.656	917.180	---	---	MAX
MIN	---	---	915.570	917.805	917.085	917.181	915.785	917.181	916.037	915.985	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 918.480 ON MAY 12
MINIMUM DAILY, 915.542A ON FEB 10
MAXIMUM INSTANTANEOUS,
918.532 AT 18:40 CST ON MAY 12

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 26 N
LONG 108 51 08 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1937

ECHO CREEK AT FORT QU'APPELLE - STATION NO. 05JK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.035A	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.022A	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.011A	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.271B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.377B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.499B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.240B	0	0	0	0	0	0	0	---	---	27
28	---	---	0.329B	0	0	0	0	0	0	0	---	---	28
29	---		0.064A	0	0	0	0	0	0	0	---	---	29
30	---		0.042A	0	0	0	0	0	0	0	---	---	30
31	---		0.088A		0		0	0		0		---	31
TOTAL	---	---	1.888	0.068	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.061	0.002	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.499	0.035	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.4998 ON MAR 26
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.038 AT 14:07 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 35 N
LONG 103 47 50 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	193	SEP	0
APR	5.88	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 199 dam³

ECHO LAKE AT FISH HATCHERY - STATION NO. 05JK005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	478.509	478.588	478.668	478.801	478.882	478.977	479.038	479.132	479.080	478.905	478.884	478.580	1
2	478.509	478.595	478.677	478.806	478.868	478.998	479.035	479.123	479.072	478.887	478.878	478.589	2
3	478.506	478.597	478.680	478.812	478.875	478.992	479.032	479.123	479.080	478.884	478.877	478.584	3
4	478.505	478.603	478.679	478.818	478.874	478.983	479.036	479.114	479.077	478.892	478.878	478.582	4
5	478.499	478.606	478.684	478.827	478.879	478.978	479.042	479.116	479.053	478.884	478.870	478.580	5
6	478.495	478.609	478.690	478.840	478.872	478.988	479.066	479.123	479.080	478.884	478.883	478.547	6
7	478.491	478.615	478.690	478.858	478.887	479.002	479.078	479.118	479.047	478.850	478.854	478.547	7
8	478.486	478.618	478.688	478.856	478.870	478.993	479.071	479.124	479.033	478.841	478.848	478.547	8
9	478.483	478.618	478.687	478.880	478.885	478.992	479.070	479.121	479.024	478.835	478.848	478.548	9
10	478.477	478.620	478.692	478.888	478.851	478.993	479.078	479.107	479.028	478.838	478.841	478.547	10
11	478.478	478.628	478.695	478.893	478.860	479.014	479.072	479.127	479.024	478.838	478.839	478.548	11
12	478.477	478.628	478.698	478.907	478.887	479.018	479.075	479.118	479.015	478.830	478.838	478.542	12
13	478.473	478.631	478.697	478.913	478.889	479.020	479.078	479.111	479.009	478.834	478.832	478.541	13
14	478.487	478.631	478.703	478.918	478.882	479.015	479.079	479.103	479.011	478.823	478.820	478.536	14
15	478.478	478.637	478.712	478.924	478.882	479.012	479.070	479.105	478.996	478.804	478.814	478.531	15
16	478.480	478.643	478.718	478.932	478.847	479.015	479.076	479.114	478.996	478.816	478.807	478.527	16
17	478.500	478.646	478.722	478.935	478.843	479.024	479.075	479.120	478.984	478.815	478.804	478.528	17
18	478.512	478.647	478.725	478.925	478.845	479.019	479.067	479.139	478.981	478.820	478.801	478.526	18
19	478.520	478.651	478.730	478.933	478.855	479.013	479.078	479.123	478.974	478.809	478.589	478.527	19
20	478.530	478.652	478.737	478.944	478.881	479.010	479.093	479.121	478.986	478.788	478.587	478.526	20
21	478.540	478.654	478.747	478.938	478.853	479.017	479.082	479.130	478.982	478.787	478.587	478.524	21
22	478.542	478.654	478.751	478.936	478.855	479.033	479.083	479.122	478.981	478.780	478.584	478.525	22
23	478.545	478.652	478.756	478.932	478.885	479.028	479.086	479.115	478.951	478.753	478.578	478.522	23
24	478.548	478.654	478.763	478.917	478.875	479.027	479.100	479.115	478.922	478.742	478.575	478.518	24
25	478.551	478.655	478.769	478.917	478.873	479.028	479.096	479.115	478.931	478.737	478.572	478.519	25
26	478.560	478.662	478.774	478.920	478.882	479.016	479.090	479.122	478.925	478.737	478.569	478.523	26
27	478.565	478.662	478.774	478.912	478.889	479.011	479.092	479.115	478.920	478.733	478.567	478.520	27
28	478.570	478.670	478.778	478.905	478.899	479.019	479.091	479.110	478.932	478.719	478.566	478.520	28
29	478.578		478.787	478.885	478.928	479.023	479.085	479.107	478.917	478.707	478.564	478.518	29
30	478.575		478.782	478.873	478.947	479.023	479.101	479.101	478.912	478.699	478.562	478.515	30
31	478.581		478.788		478.958		479.121	479.090		478.691		478.514	31
MEAN	478.517	478.633	478.724	478.892	478.873	479.005	479.075	479.117	478.994	478.803	478.816	478.534	MEAN
MAX	478.581	478.670	478.788	478.944	478.958	479.027	479.121	479.133	479.080	478.905	478.884	478.580	MAX
MIN	478.467	478.588	478.668	478.801	478.843	478.978	479.032	479.090	478.912	478.691	478.562	478.514	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 478.817
MAXIMUM DAILY, 479.133 ON AUG 2
MINIMUM DAILY, 478.467 ON JAN 14
MAXIMUM INSTANTANEOUS,
479.142 AT 16 32 CST ON AUG 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 35 N
LONG 103 52 10 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

EKAPO CREEK NEAR MARIEVAL - STATION NO 05JM010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0038	1.38	0.232	0.008	0.002	0.003	0	0.001	---	---	1
2	---	---	0.0038	1.31	0.215	0.008	0.002	0.002	0	0.001	---	---	2
3	---	---	0.0038	1.36	0.207	0.005	0.002	0.002	0	0.001	---	---	3
4	---	---	0.0038	1.30	0.195	0.008	0.003	0.003	0	0.002	---	---	4
5	---	---	0.0898	1.21	0.170	0.008	0.003	0.003	0	0.001	---	---	5
6	---	---	0.2488	1.18	0.148	0.004	0.005	0.003	0	0.002	---	---	6
7	---	---	0.5058	1.09	0.125	0.004	0.005	0.002	0	0.002	---	---	7
8	---	---	0.4478	1.01	0.110	0.003	0.003	0.003	0	0.002	---	---	8
9	---	---	0.4108	0.972	0.092	0.003	0.005	0.002	0	0.001	---	---	9
10	---	---	0.3758	0.913	0.078	0.003	0.007	0.002	0	0.001	---	---	10
11	---	---	0.3408	0.850	0.066	0.003	0.005	0.003	0	0.001	---	---	11
12	---	---	0.3108	0.820	0.054	0.002	0.005	0.002	0	0.001	---	---	12
13	---	---	0.2708	0.803	0.052	0.001	0.005	0.002	0	0.001	---	---	13
14	---	---	0.2388	0.753	0.038	0	0.004	0.002	0	0.001	---	---	14
15	---	---	0.2008	0.783	0.028	0	0.003	0.003	0	0.001	---	---	15
16	---	---	0.2308	0.880	0.023	0	0.003	0.002	0	0	---	---	16
17	---	---	0.2908	0.870	0.021	0	0.003	0.002	0	0.001	---	---	17
18	---	---	0.3808	0.818	0.018	0	0.003	0.002	0	0.001	---	---	18
19	---	---	0.4208	0.588	0.014	0	0.004	0.002	0	0	---	---	19
20	---	---	0.4788	0.531	0.010	0	0.003	0.002	0	0	---	---	20
21	---	---	0.5278	0.508	0.017	0	0.003	0.002	0	0	---	---	21
22	---	---	0.5018	0.470	0.012	0.001	0.002	0.001	0	0.001	---	---	22
23	---	---	0.4578	0.417	0.009	0.002	0.002	0.001	0	0.001	---	---	23
24	---	0.0028	1.02 E	0.408	0.005	0.001	0.001	0.001	0	0.001	---	---	24
25	---	0.0028	0.4738	0.381	0.009	0.001	0	0	0	0.001	---	---	25
26	---	0.0028	1.04 E	0.380	0.005	0.002	0	0	0	0.002A	---	---	26
27	---	0.0028	1.15 E	0.335	0.008	0.001	0.001	0	0	0.002E	---	---	27
28	---	0.0028	1.05 E	0.308	0.010	0.002	0.001	0	0	0.002E	---	---	28
29	---		0.9308	0.285	0.004	0.002	0	0	0.001	0.002E	---	---	29
30	---		0.9308	0.284	0.004	0.002	0	0	0.001	0.002E	---	---	30
31	---		1.35		0.005		0.002	0		0.002E		---	31
TOTAL	---	---	15.812	22.529	1.977	0.071	0.092	0.051	0.002	0.038	---	---	TOTAL
MEAN	---	---	0.504	0.751	0.064	0.002	0.003	0.002	0	0.001	---	---	MEAN
MAX	---	---	1.35	1.38	0.232	0.008	0.007	0.003	0.001	0.002	---	---	MAX
MIN	---	---	0.003	0.284	0.004	0	0	0.002	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.185
MAXIMUM DAILY, 1.38 ON APR 1
MINIMUM DAILY, 0 ON JUN 14
MAXIMUM INSTANTANEOUS,
1.84 AT 19:48 CST ON MAR 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31 47 N
LONG 102 42 37 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 95
FEB	---	AUG	4 41
MAR	1 350	SEP	0 17
APR	1 950	OCT	3 28
MAY	171	NOV	---
JUN	6 13	DEC	---

TOTAL DISCHARGE, 3 490 dam³

ELBOW DIVERSION CANAL AT DROP STRUCTURE - STATION NO 05JE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.368	1.768	1.848	1.84E	5.58	8.51E	11.2	6.88	4.08	4.15	4.11	1.32	1
2	1.358	1.748	1.848	1.84E	5.82	8.51E	11.2	6.89	4.03	4.12	4.12	1.33	2
3	1.368	1.748	1.848	1.84E	5.84	8.51A	11.2	6.93	4.03	4.12	4.13	1.33	3
4	1.368	1.748	1.848	1.84E	5.84	8.52	11.3	6.93	4.08	4.15	4.15	1.34	4
5	1.368	1.748	1.848	1.84E	5.85A	8.51	11.3	6.94	4.03	4.14	4.15	1.35	5
6	1.378	1.728	1.848	1.84E	5.85E	8.52	11.3	6.95	4.03	4.14	3.85	1.38	6
7	1.388	1.728	1.848	1.84E	5.85E	8.53	11.3	6.95	4.08	4.10	1.23	1.38	7
8	1.388	1.728	1.848	1.84E	5.85E	8.50	11.3	6.94	4.04	4.14	1.24	1.37	8
9	1.388	1.728	1.848	1.84E	5.85E	8.47	11.4	6.92	4.07	4.13	1.23	1.37	9
10	1.378	1.708	1.848	1.84E	5.85E	8.53	11.4	6.94	4.08	4.12	1.24	1.38	10
11	1.388	1.708	1.84A	1.84E	5.85E	8.58	11.4	5.36	4.05	4.12	1.24	1.38	11
12	1.388	1.708	1.84	1.78A	5.85E	8.52	11.4	4.30	4.08	4.12	1.24	1.40	12
13	1.388	1.708	1.83	1.78	5.85E	8.51	11.4	4.33	4.05	4.09	1.23	1.41	13
14	1.388	1.688	1.86	1.78	5.85E	8.51	11.4	4.35	4.08	4.12	1.24	1.40	14
15	1.388	1.688	1.85	1.81	5.85E	10.0	11.4	4.33	4.08	4.12	1.24	1.408	15
16	1.378	1.688	1.87	2.78	5.85E	11.3	11.5	4.28	4.08	4.13	1.25	1.408	16
17	1.378	1.688	1.87	3.82	5.85E	11.3	11.5	4.28	4.08	4.14	1.24	1.408	17
18	1.368	1.688	1.89	3.84	5.85E	11.3	11.5	4.28	4.05	4.12	1.24	1.408	18
19	1.368	1.668	1.91	3.85	5.85E	11.3	11.5	4.25	4.08	4.11	1.24	1.408	19
20	1.358	1.668	1.94	3.86	6.00E	11.2	11.4	4.23	4.07	4.12	1.24	1.408	20
21	1.358	1.668	1.91	3.87	6.50E	11.3	11.4	4.22	4.08	4.12	1.25	1.408	21
22	1.358	1.648	1.92	3.88	7.00E	11.2	11.5	4.21	4.10	4.12	1.26	1.408	22
23	1.558	1.648	1.90	3.89	8.00E	11.2	11.5	4.20	4.11	4.12	1.26	1.408	23
24	1.808	1.648	1.89	3.70	8.50E	11.2	11.5	4.21	4.13	4.10	1.27	1.408	24
25	1.808	1.85	1.88	3.70	8.51E	11.1	11.5	4.19	4.13	4.14	1.28	1.408	25
26	1.808	1.87	1.91	3.70	8.51E	11.2	11.5	4.13	4.12	4.11	1.28	1.408	26
27	1.788	1.848	1.88A	3.71	8.51E	11.2	9.14	4.09	4.13	4.12	1.28	1.408	27
28	1.788	1.848	1.84E	3.71	8.51E	11.3	8.88	4.09	4.14	4.13	1.29	1.408	28
29	1.788		1.84E	4.89	8.51E	11.2	8.88	4.10	4.14	4.13	1.30	1.408	29
30	1.768		1.84E	5.58	8.51E	11.2	8.87	4.09	4.13	4.11	1.31	1.408	30
31	1.788		1.84E		8.51E		8.88	4.07		4.11		1.408	31
TOTAL	45.92	47.28	51.85	82.38	202.80	287.71	332.81	158.85	122.31	127.81	83.44	42.80	TOTAL
MEAN	1.48	1.69	1.66	2.75	6.54	9.92	10.7	5.12	4.07	4.12	1.78	1.38	MEAN
MAX	1.80	1.78	1.74	5.58	8.51	11.3	11.5	6.89	4.14	4.15	4.15	1.41	MAX
MIN	1.35	1.64	1.63	1.84	5.58	8.47	8.88	4.07	4.03	4.09	1.23	1.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.28
MAXIMUM DAILY, 11.5 ON JUL 15
MINIMUM DAILY, 1.23 ON NOV 7
MAXIMUM INSTANTANEOUS,
12.4 AT 16:28 CST ON JUL 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 40 N
LONG 106 33 55 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 970	JUL	28 600
FEB	4 040	AUG	13 700
MAR	4 650	SEP	10 800
APR	7 120	OCT	11 000
MAY	17 500	NOV	4 620
JUN	25 700	DEC	3 710

TOTAL DISCHARGE, 135 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED AS A RESULT OF WIND EFFECT

EMMA LAKE NEAR TWEEDSMUIR - STATION NO. 05GG005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	$15.435	$15.413	$15.463E	$15.455E	$15.375E	$15.411E	---	1
2	---	---	---	---	---	$15.429E	$15.411E	$15.465E	$15.452E	$15.369	$15.414	---	2
3	---	---	---	---	---	$15.424	$15.409	$15.467	$15.449E	$15.370E	$15.414E	---	3
4	---	---	---	---	$15.420	$15.415E	$15.417E	$15.465E	$15.447	$15.372E	$15.414E	---	4
5	---	---	---	---	$15.452	$15.406	$15.424E	$15.463E	$15.445E	$15.373E	$15.414E	---	5
6	---	---	---	---	$15.448E	$15.405E	$15.432	$15.460E	$15.443E	$15.375	$15.414	---	6
7	---	---	---	---	$15.438	$15.404E	$15.432E	$15.458	$15.441E	$15.378E	---	---	7
8	---	---	---	---	$15.439	$15.403	$15.432E	$15.460E	$15.440E	$15.382E	---	---	8
9	---	---	---	---	$15.438E	$15.399E	$15.432E	$15.462E	$15.438E	$15.385	---	---	9
10	---	---	---	---	$15.438E	$15.395	$15.433	$15.465	$15.436E	$15.384E	---	---	10
11	---	---	---	---	$15.437	$15.393E	$15.430E	$15.466E	$15.434	$15.382E	---	---	11
12	---	---	---	---	$15.440E	$15.391	$15.428E	$15.471	$15.433E	$15.380E	---	---	12
13	---	---	---	---	$15.444	$15.398E	$15.423	$15.468E	$15.433E	$15.378	---	---	13
14	---	---	---	---	$15.444E	$15.404E	$15.431E	$15.469	$15.432	$15.379E	---	---	14
15	---	---	---	---	$15.448	$15.410	$15.440E	$15.471E	$15.430E	$15.380E	---	---	15
16	---	---	---	---	$15.445E	$15.412E	$15.448E	$15.474E	$15.428E	$15.382E	---	---	16
17	---	---	---	---	$15.445E	$15.414	$15.456	$15.477	$15.425E	$15.383E	---	---	17
18	---	---	---	---	$15.446	$15.408E	$15.458E	$15.475E	$15.423	$15.384E	---	---	18
19	---	---	---	---	$15.438E	$15.405	$15.459E	$15.474E	$15.421E	$15.385	---	---	19
20	---	---	---	---	$15.433	$15.406E	$15.461	$15.473E	$15.418E	$15.388E	---	---	20
21	---	---	---	---	$15.431E	$15.408E	$15.458E	$15.472	$15.416	$15.391E	---	---	21
22	---	---	---	---	$15.429	$15.409	$15.456E	$15.469E	$15.411E	$15.393E	---	---	22
23	---	---	---	---	$15.428E	$15.408E	$15.457E	$15.465E	$15.408E	$15.391	---	---	23
24	---	---	---	---	$15.427E	$15.406	$15.455	$15.462	$15.402E	$15.388E	---	---	24
25	---	---	---	---	$15.426	$15.407E	$15.455E	$15.462E	$15.397	$15.385E	---	---	25
26	---	---	---	---	$15.427E	$15.406	$15.454E	$15.462E	$15.395E	$15.385	---	---	26
27	---	---	---	---	$15.428	$15.404E	$15.454	$15.462E	$15.394E	$15.387E	---	---	27
28	---	---	---	---	$15.431E	$15.401E	$15.456E	$15.462	$15.392	$15.400E	---	---	28
29	---		---	---	$15.435	$15.398	$15.457E	$15.461E	$15.387E	$15.402E	---	---	29
30	---		---	---	$15.435E	$15.408E	$15.459E	$15.458E	$15.381E	$15.404	---	---	30
31	---		---		$15.435E		$15.461	$15.457		$15.407E		---	31
MEAN	---	---	---	---	---	$15.407	$15.442	$15.466	$15.424	$15.386	---	---	MEAN
MAX	---	---	---	---	---	$15.435	$15.461	$15.477	$15.455	$15.407	---	---	MAX
MIN	---	---	---	---	---	$15.391	$15.409	$15.457	$15.381	$15.369	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, $15.477 ON AUG 17
MINIMUM DAILY, $15.369 ON OCT 2

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 34 10 N
LONG 105 53 15 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ENGLISHMAN RIVER NEAR SPRUCE LAKE - STATION NO. 05EP005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0518	0.0838	0.827	0.201	0.120	0.006	0.028	0.047	---	---	1
2	---	---	0.0518	0.2108	0.727	0.248	0.143	0.011	0.035	0.033	---	---	2
3	---	---	0.0518	0.5238	0.678	0.287	0.177	0.035	0.045	0.037	---	---	3
4	---	---	0.0518	0.6028	0.645	0.290	0.187	0.036	0.060	0.035	---	---	4
5	---	---	0.0518	0.6528	0.578	0.268	0.198	0.037	0.065	0.034	---	---	5
6	---	---	0.0518	0.7508	0.553	0.229	0.216	0.029	0.065	0.037	---	---	6
7	---	---	0.0518	3.35 B	0.504	0.202	0.217	0.023	0.067	0.063	---	---	7
8	---	---	0.0518	3.82	0.487	0.177	0.208	0.027	0.062	0.063	---	---	8
9	---	---	0.0518	2.85	0.495	0.181	0.213	0.037	0.060	0.064	---	---	9
10	---	---	0.0518	2.88	0.441	0.187	0.199	0.089	0.068	0.076	---	---	10
11	---	---	0.0518	3.12	0.442	0.184	0.184	0.100	0.155	0.087	---	---	11
12	---	---	0.0518	3.08	0.387	0.185	0.169	0.114	0.175	0.103	---	---	12
13	---	---	0.0518	2.57	0.312	0.179	0.155	0.130	0.143	0.078	---	---	13
14	---	---	0.0518	2.45	0.284	0.159	0.133	0.119	0.102	0.108	---	---	14
15	---	---	0.0518	2.29	0.223	0.133	0.112	0.107	0.078	0.101	---	---	15
16	---	---	0.0518	2.14	0.202	0.110	0.089	0.105	0.059	0.116	---	---	16
17	---	---	0.0518	2.01	0.188	0.110	0.063	0.101	0.053	0.126	---	---	17
18	---	---	0.0518	1.91	0.178	0.114	0.053	0.086	0.137	0.109	---	---	18
19	---	---	0.0518	1.81	0.172	0.108	0.058	0.074	0.162	0.096	---	---	19
20	---	---	0.0518	1.74	0.182	0.103	0.058	0.082	0.127	0.098	---	---	20
21	---	---	0.0518	1.81	0.192	0.101	0.068	0.056	0.089	0.117	---	---	21
22	---	---	0.0518	1.62	0.385	0.104	0.078	0.044	0.068	0.128	---	---	22
23	---	---	0.0518	1.45	0.284	0.091	0.082	0.044	0.046	0.127	---	---	23
24	---	---	0.0518	1.35	0.214	0.086	0.088	0.049	0.035	0.135	---	---	24
25	---	---	0.0518	1.25	0.172	0.036	0.080	0.048	0.024	0.151	---	---	25
26	---	---	0.0518	1.07	0.147	0.035	0.081	0.044	0.017	0.140	---	---	26
27	---	---	0.0518	1.08	0.130	0.035	0.044	0.038	0.053	0.142	---	---	27
28	---	---	0.0518	1.07	0.138	0.054	0.038	0.029	0.088	0.144A	---	---	28
29	---		0.0548	1.04	0.138	0.070	0.027	0.028	0.088	0.144E	---	---	29
30	---		0.0578	0.925	0.158	0.103	0.018	0.022	0.071	0.144E	---	---	30
31	---		0.0608		0.175		0.014	0.022		0.144E		---	31
TOTAL	---	---	1.598	51.385	10.513	4.296	3.559	1.729	2.374	3.025	---	---	TOTAL
MEAN	---	---	0.052	1.71	0.339	0.143	0.115	0.056	0.079	0.098	---	---	MEAN
MAX	---	---	0.060	3.82	0.827	0.290	0.217	0.130	0.175	0.151	---	---	MAX
MIN	---	---	0.051	0.083	0.130	0.035	0.014	0.008	0.017	0.033	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.320
MAXIMUM DAILY, 3.82 ON APR 8
MINIMUM DAILY, 0.008 ON AUG 1
MAXIMUM INSTANTANEOUS,
4.46 AT 01 24 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 32 N
LONG 105 09 25 W
DRAINAGE AREA, 393 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	307
FEB	---	AUG	149
MAR	138	SEP	205
APR	4 440	OCT	261
MAY	908	NOV	---
JUN	371	DEC	---

TOTAL DISCHARGE, 8 780 dam³

REMARKS - GAUGING STATION MOVED TO THE UPSTREAM SIDE OF THE BRIDGE IN OCTOBER, 1986

ETOBICOKE RIVER NEAR BERTWELL - STATION NO 02HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.241B	0.258B	2.72	1.15	0.133	0.381	0.390	0.080	---	---	1
2	---	---	0.241B	0.320B	2.41	1.19	0.241	0.303	0.488	0.102	---	---	2
3	---	---	0.241B	0.485B	2.24	1.59	0.403	0.248	0.488	0.182	---	---	3
4	---	---	0.234B	0.862B	2.24	2.00	0.831	0.199	0.341	0.191	---	---	4
5	---	---	0.235B	0.477B	2.07	2.00	0.826	0.220	0.233	0.223	---	---	5
6	---	---	0.274B	2.38 B	2.03	1.83	1.33	0.383	0.181	0.130	---	---	6
7	---	---	0.289B	33.6	1.84	1.47	1.79	0.486	0.055	0.137	---	---	7
8	---	---	0.250B	31.0	1.81	1.51	2.38 A	0.377	0.034	0.384	---	---	8
9	---	---	0.181B	21.7	1.45	1.58	2.28 E	0.203	0.025	0.345	---	---	9
10	---	---	0.195B	12.8	1.40	1.40	2.08 E	0.208	0.048	0.383	---	---	10
11	---	---	0.198B	10.8	1.34	1.34	1.92 E	0.308	0.087	0.387	---	---	11
12	---	---	0.225B	11.4	1.28	0.778	2.08 E	0.217	0.113	0.480	---	---	12
13	---	---	0.298B	10.9	1.09	0.648	2.22 E	0.157	0.107	0.610	---	---	13
14	---	---	0.285B	12.7	1.08	0.497	2.00 E	0.108	0.087	0.577	---	---	14
15	---	---	0.276B	11.5	1.01	0.404	1.80 E	0.273	0.058	0.488	---	---	15
16	---	---	0.274B	11.1	0.888	0.287	1.82 E	0.378	0.078	0.482	---	---	16
17	---	---	0.258B	9.83	0.782	0.301	1.48 E	0.382	0.105	0.581	---	---	17
18	---	---	0.279B	8.41	0.958	0.173	1.30 E	0.584	0.078	0.438	---	---	18
19	---	---	0.290B	7.81	0.845	0.218	1.16 E	0.752	0.082	0.348	---	---	19
20	---	---	0.296B	7.11	0.810	0.389	1.04 E	0.738	0.058	0.345	---	---	20
21	---	---	0.380B	6.23	0.815	0.477	0.940E	0.808	0.029	0.380	---	---	21
22	---	---	0.447B	5.70	0.534	0.537	0.880E	0.582	0.015	0.383	---	---	22
23	---	---	0.447B	5.18	0.858	0.335	0.780E	0.551	0.025	0.315	---	---	23
24	---	---	0.414B	4.83	0.720	0.185	0.720E	0.602	0.025	0.334	---	---	24
25	---	---	0.416B	4.59	0.882	0.150	0.680E	0.891	0.031	0.385	---	---	25
26	---	---	0.436B	4.41	0.788	0.080	0.620E	0.780	0.088	0.394	---	---	26
27	---	---	0.403B	4.90	0.850	0.121	0.540E	0.680	0.084	0.358	---	---	27
28	---	---	0.338B	3.93	0.817	0.143	0.545A	0.818	0.100	0.342A	---	---	28
29	---		0.537B	3.48	0.787	0.125	0.508	0.458	0.080	0.330E	---	---	29
30	---		0.382B	3.04	0.661	0.072	0.420	0.487	0.078	0.320E	---	---	30
31	---		0.287B		0.672		0.378	0.487		0.310E	---	---	31
TOTAL	---	---	9.587	251.322	37.838	22.788	35.851	13.318	3.513	10.444	---	---	TOTAL
MEAN	---	---	0.309	8.38	1.22	0.780	1.16	0.430	0.120	0.337	---	---	MEAN
MAX	---	---	0.537	33.6	2.72	2.00	2.38	0.780	0.489	0.577	---	---	MAX
MIN	---	---	0.181	0.258	0.534	0.072	0.133	0.109	0.015	0.080	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.57
MAXIMUM DAILY, 33.6 ON APR 7
MINIMUM DAILY, 0.015 ON SEP 22
MAXIMUM INSTANTANEOUS,
39.6 AT 15:11 CST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 35 32 N
LONG 102 33 54 W
DRAINAGE AREA, 2 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 100
FEB	---	AUG	1 150
MAR	827	SEP	312
APR	21 700	OCT	902
MAY	3 270	NOV	---
JUN	1 870	DEC	---

TOTAL DISCHARGE, 33 200 dam³

EYEHILL CREEK NEAR MACKLIN - STATION NO. 05GA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.021B	0.008	0.001	0	0	0	0	---	---	1
2	---	---	0 B	0.021B	0.007	0.001	0	0	0	0	---	---	2
3	---	---	0 B	0.025B	0.008	0	0	0	0	0	---	---	3
4	---	---	0 B	0.027B	0.009	0	0	0	0	0	---	---	4
5	---	---	0 B	0.026B	0.008	0	0	0	0	0	---	---	5
6	---	---	0 B	0.022	0.006	0	0	0	0	0	---	---	6
7	---	---	0 B	0.018	0.007	0	0	0	0	0	---	---	7
8	---	---	0 B	0.584	0.007	0	0	0	0	0	---	---	8
9	---	---	0 B	1.16	0.007	0	0	0	0	0	---	---	9
10	---	---	0 B	1.12	0.007	0	0	0	0	0	---	---	10
11	---	---	0 B	1.08	0.005	0	0	0	0	0	---	---	11
12	---	---	0 B	0.970	0.007	0	0	0	0	0	---	---	12
13	---	---	0 B	0.890	0.007	0	0	0	0	0	---	---	13
14	---	---	0 B	0.795	0.007	0	0	0	0	0	---	---	14
15	---	---	0 B	0.690	0.005	0	0	0	0	0	---	---	15
16	---	---	0 B	0.574	0.006	0	0	0	0	0	---	---	16
17	---	---	0 B	0.413	0.006	0	0	0	0	0	---	---	17
18	---	---	0 B	0.263	0.006	0	0	0	0	0	---	---	18
19	---	---	0 B	0.258	0.005	0	0	0	0	0	---	---	19
20	---	---	0.003B	0.187	0.004	0	0	0	0	0	---	---	20
21	---	---	0.001B	0.087	0.004	0	0	0	0	0	---	---	21
22	---	---	0.001B	0.051	0.004	0	0	0	0	0	---	---	22
23	---	---	0.001B	0.047	0.004	0	0	0	0	0	---	---	23
24	---	---	0.002B	0.043	0.003	0	0	0	0	0	---	---	24
25	---	---	0.010B	0.029	0.002	0	0	0	0	0	---	---	25
26	---	---	0.024B	0.021	0.002	0	0	0	0	0	---	---	26
27	---	---	0.013B	0.011	0.003	0	0	0	0	0	---	---	27
28	---	---	0.002B	0.008	0.002	0	0	0	0	0	---	---	28
29	---		0.012B	0.005	0.002	0	0	0	0	0	---	---	29
30	---		0.032B	0.007	0.002	0	0	0	0	0	---	---	30
31	---		0.025B		0.001		0	0		0	---	---	31
TOTAL	---	---	0.126	9.417	0.184	0.002	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.004	0.314	0.005	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.032	1.16	0.009	0.001	0	0	0	0	---	---	MAX
MIN	---	---	0	0.007	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.040
MAXIMUM DAILY, 1.16 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS
1.42 AT 13:45 CST ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 19 08 N
LONG 105 55 41 W
DRAINAGE AREA, 10 100 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	10 9	SEP	0
APR	814	OCT	0
MAY	14 3	NOV	---
JUN	0 17	DEC	---

TOTAL DISCHARGE, 839 dam³

FAHLMAN CREEK NEAR DAVIN - STATION NO 05JF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.0348	0.002	0.002	0	0	0	0	---	---	1
2	---	---	0.0058	0.0348	0.002	0.001	0	0	0	0	---	---	2
3	---	---	0.0108	0.011	0.002	0.001	0	0	0	0	---	---	3
4	---	---	0.0408	0.008	0.002	0.001	0	0	0	0	---	---	4
5	---	---	0.0758	0.005	0.001	0.001	0	0	0	0	---	---	5
6	---	---	0.1008	0.003	0.001	0.016	0	0	0	0	---	---	6
7	---	---	0.0288	0.002	0.001	0.005	0	0	0	0	---	---	7
8	---	---	0.0098	0.002	0.001	0.001	0	0	0	0	---	---	8
9	---	---	0.0068	0.002	0.001	0	0	0	0	0	---	---	9
10	---	---	0.0048	0.001	0.001	0	0	0	0	0	---	---	10
11	---	---	0.0038	0.001	0.001	0	0	0	0	0	---	---	11
12	---	---	0.0028	0.001	0.001	0	0	0	0	0	---	---	12
13	---	---	0.0028	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0.0018	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0 [8]	0.002	0	0	0	0	0	0	---	---	15
16	---	---	0 [8]	0.002	0	0	0	0	0	0	---	---	16
17	---	---	0 [8]	0.001	0	0	0	0	0	0	---	---	17
18	---	---	0.0038	0.002	0	0	0	0	0	0	---	---	18
19	---	---	0.0018	0.002	0	0	0 001	0	0	0	---	---	19
20	---	---	0.0528	0.002	0	0	0	0	0	0	---	---	20
21	---	---	0.3238	0.002	0	0	0	0	0	0	---	---	21
22	---	---	0.3548	0.002	0	0	0	0	0	0	---	---	22
23	---	---	0.2408	0.002	0	0	0	0	0	0	---	---	23
24	---	---	0.1688	0.002	0	0	0	0	0	0	---	---	24
25	---	---	0.0818	0.002	0	0	0	0	0	0	---	---	25
26	---	---	0.0858	0.002	0	0	0	0	0	0	---	---	26
27	---	---	0.0738	0.002	0.008	0	0	0	0	0	---	---	27
28	---	---	0.0148	0.001	0.374	0	0	0	0	0	---	---	28
29	---		0.0068	0.001	0 027	0	0	0	0	0	---	---	29
30	---		0.0158	0.001	0.008	0	0	0	0	0		---	30
31	---		0.0818		0.003		0	0		0		---	31
TOTAL	---	---	1.780	0.134	0.432	0.028	0 001	0	0	0	---	---	TOTAL
MEAN	---	---	0 057	0.004	0 014	0 001	0	0	0	0	---	---	MEAN
MAX	---	---	0.354	0 034	0.374	0 014	0 001	0	0	0	---	---	MAX
MIN	---	---	0	0 001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 010
MAXIMUM DAILY, 0 374 ON MAY 28
MINIMUM DAILY, 0[8] ON MAR 15
MAXIMUM INSTANTANEOUS,
4 80 AT 13 42 CST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 22 10 N
LONG 104 11 30 W
DRAINAGE AREA, 15 3 km²

[8] - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 09
FEB	---	AUG	0
MAR	152	SEP	0
APR	11 8	OCT	0
MAY	37.3	NOV	---
JUN	2.25	DEC	---

TOTAL DISCHARGE, 203 dam³

REMARKS - INSIGNIFICANT FLOWS WHICH OCCURRED IN FEBRUARY WERE NOT INCLUDED IN THE RECORDS

PIPE LAKE NEAR LISIEUX - STATION NO 11AE016

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	800.783E	---	800.880E	800.745E	800.853E	800.823E	800.527E	800.468E	---	---	1
2	---	---	---	---	800.875	---	---	---	---	---	---	---	2
3	---	---	800.783	---	---	800.741	---	---	---	---	---	---	3
4	---	---	---	---	---	---	800.854	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	800.513	---	---	---	5
6	---	---	---	---	800.841	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	800.844	---	---	---	---	---	7
8	---	---	---	---	---	---	---	800.811	---	---	---	---	8
9	---	---	---	---	---	---	---	---	800.493	---	---	---	9
10	---	---	---	---	---	---	---	---	---	800.450	---	---	10
11	---	---	---	800.885	---	800.714	800.834	---	---	---	---	---	11
12	---	---	---	---	---	---	---	800.587	800.469	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	800.583	---	---	---	---	15
16	---	---	---	---	800.805	---	---	---	---	---	---	---	16
17	---	800.783	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	800.885	---	---	800.639	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	800.493	---	---	---	19
20	---	---	---	---	---	800.684	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	800.583	---	---	---	---	22
23	---	---	---	---	800.785	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	800.634	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	800.483	---	---	---	26
27	---	---	---	---	---	800.674	---	---	---	---	---	---	27
28	---	800.783E	---	---	---	---	---	---	---	800.415	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	800.887E	---	800.685E	---	---	800.468	---	---	---	30
31	---		---		800.747E		800.624E	800.531E		800.412E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 14 22 N
LONG 105 50 55 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FIR RIVER NEAR HUDSON BAY - STATION NO 05LB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1978	0.3088	0.2338	0.968	4.07	1.50	1.58	1.30	1.30	0.697	1.54 B	0.3958	1
2	0.1758	0.2808	0.3038	0.5748	3.82	2.32	2.56	1.10	1.28	0.721	1.57 B	0.3808	2
3	0.2208	0.3078	0.2518	1.02 B	3.80	3.81	4.70	1.03	1.18	0.745	1.55 B	0.3728	3
4	0.1898	0.2778	0.3128	2.02 B	3.50	5.34	5.80	0.898	1.15	0.835	1.74 B	0.4018	4
5	0.2368	0.3218	0.3068	2.46 B	3.37	5.94	6.10	0.855	1.08	0.840	1.25 B	0.4258	5
6	0.1848	0.3348	0.2538	5.59 B	2.94	5.70	5.81	0.830	1.02	1.51	1.34 B	0.3738	6
7	0.2288	0.2758	0.2398	16.3 B	2.91	5.24	5.71	0.808	0.983	2.82	1.83 B	0.4188	7
8	0.2958	0.2928	0.2528	14.2	2.62	4.93	5.63	0.791	0.962	3.15	1.86 B	0.4078	8
9	0.3248	0.2928	0.2818	7.34	2.38	4.71	5.41	0.744	0.983	3.12	1.32 B	0.3768	9
10	0.2718	0.3188	0.2828	5.51	2.32	4.33	4.93	0.732	1.16	3.03	1.18 B	0.3828	10
11	0.3328	0.2688	0.2528	4.98	2.07	4.08	4.27	0.785	1.31	3.03	0.9888	0.3368	11
12	0.2108	0.2828	0.2258	5.00	2.16	3.80	3.83	0.718	1.25	2.91	0.8868	0.3448	12
13	0.2738	0.3278	0.2778	5.07	2.03	3.58	3.16	0.784	1.18	2.89	0.8648	0.3748	13
14	0.2388	0.7818	0.3378	4.90	1.91	3.19	2.71	0.841	1.11	3.33	0.7818	0.2758	14
15	0.2508	0.2118	0.3838	5.27	1.82	2.75	2.35	0.915	1.02	3.89	0.8588	0.2598	15
16	0.3888	0.3388	0.3088	8.13	1.73	2.45	2.13	1.04	0.975	3.78	0.8478	0.2598	16
17	0.3308	0.3938	0.3328	7.20	1.84	2.22	2.22	1.35	0.925	3.88	0.7788	0.2838	17
18	0.2488	0.3548	0.2868	7.54	1.53	1.94	8.56	1.87	1.05	3.78	0.8818	0.2988	18
19	0.2908	0.3388	0.3838	7.98	1.42	1.84	8.20	1.52	0.904	3.75	0.8338	0.2868	19
20	0.2878	0.3288	0.4328	8.00	1.34	1.73	7.88	1.47	0.815	3.80	0.4128	0.2488	20
21	0.2848	0.3748	0.5808	7.88	1.28	1.58	6.53	1.47	0.747	3.49	0.5398	0.2508	21
22	0.2968	0.3968	1.37 B	7.71	1.20	1.53	5.82	1.55	0.706	3.13 B	0.5348	0.2388	22
23	0.2988	0.3398	1.33 B	7.32	1.13	1.89	5.20	1.82	0.679	2.54 B	0.6208	0.2008	23
24	0.2638	0.3468	0.7638	8.74	1.08	1.86	4.52	1.88	0.698	2.13 B	0.5878	0.2248	24
25	0.2898	0.3838	0.7818	6.03	1.02	1.78	3.93	1.76	0.698	1.84 B	0.5808	0.3838	25
26	0.2448	0.3608	0.7198	5.68	0.988	1.71	3.27	1.57	0.720	2.62 B	0.6148	0.4088	26
27	0.2598	0.3328	0.4848	5.50	0.834	1.71	2.75	1.38	0.687	2.03 B	0.5738	0.3808	27
28	0.2828	0.2798	0.3178	5.19	0.984	1.59	2.32	1.21	0.758	1.74 B	0.5488	0.3388	28
29	0.2708		0.3218	4.82	0.899	1.41	1.97	1.08	0.724	1.83 B	0.5328	0.3468	29
30	0.2598		0.2578	4.48	1.05	1.25	1.72	1.02	0.688	1.75 B	0.4478	0.3288	30
31	0.2898		0.2038		1.23		1.48	1.13		1.87 B		0.2828	31
TOTAL	8.177	8.116	12.986	178.580	80.935	87.46	130.58	38.125	28.735	78.668	28.380	10.255	TOTAL
MEAN	0.264	0.326	0.419	5.95	1.87	2.92	4.21	1.17	0.958	2.47	0.945	0.331	MEAN
MAX	0.366	0.396	1.37	16.3	4.07	5.94	8.20	1.88	1.31	3.78	1.83	0.425	MAX
MIN	0.175	0.269	0.203	0.198	0.934	1.25	1.48	0.716	0.675	0.697	0.412	0.200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 16.30 ON APR 7
MINIMUM DAILY, 0.1758 ON JAN 2
MAXIMUM INSTANTANEOUS,
24.4 AT 01 12 CST ON APR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 59 N
LONG 102 23 44 W
DRAINAGE AREA, 508 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	706	JUL 11 300	
FEB	788	AUG 3 120	
MAR	1 120	SEP 2 480	
APR	15 400	OCT 6 820	
MAY	5 280	NOV 2 450	
JUN	7 580	DEC 885	

TOTAL DISCHARGE, 57 700 dam^3

FISHING LAKE NEAR WADENA - STATION NO 05MB013

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	528.857	---	---	---	---	3
4	---	---	---	---	---	528.787	---	---	528.585	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	528.727	---	---	---	---	---	6
7	---	---	---	---	---	---	---	528.670	528.584	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	528.720	528.668	528.587	528.575	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	528.773	528.718	528.662	---	---	---	---	11
12	---	---	---	---	---	---	---	---	528.568	---	---	---	12
13	---	---	---	---	---	---	528.699	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	528.759	---	---	---	528.560	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	528.701	---	---	---	---	---	17
18	---	---	---	---	---	---	---	528.654	528.554	---	---	---	18
19	---	---	---	---	---	---	528.683	528.653	528.558	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	528.681	---	---	---	---	---	22
23	---	---	---	---	528.786	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	528.635	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	528.693	---	---	---	---	---	26
27	---	---	---	---	---	---	528.680	528.624	---	528.477	---	---	27
28	---	---	---	---	---	528.712	528.697	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	---	---	---	---	---	---	---	---	---	30
31	---	---	---	528.805	---	---	---	---	528.553	---	---	---	31
MEAN	---	---	---	---	528.783	---	528.681	528.622	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 51 41 N
LONG 103 33 48 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FLOWING WELL WEST INFLOW NEAR FLOWING WELL - STATION NO 05JC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.4348	0	0	0	0	0	0	---	---	1
2	---	0 B	0 B	0.248	0	0	0	0	0	0	---	---	2
3	---	0 B	0 B	0.111	0	0	0	0	0	0	---	---	3
4	---	0 B	0.0518	0.060	0	0	0	0	0	0	---	---	4
5	---	0 B	0.0618	0.032	0	0	0	0	0	0	---	---	5
6	---	0 B	0.0878	0.018	0	0	0	0	0	0	---	---	6
7	---	0 B	0.1188	0.010	0	0	0	0	0	0	---	---	7
8	---	0 B	0.0578	0.007	0	0	0	0	0	0	---	---	8
9	---	0 B	0.0238	0.008	0	0	0	0	0	0	---	---	9
10	---	0 B	0.0208	0.004	0	0	0	0	0	0	---	---	10
11	---	0 B	0.0118	0.004	0	0	0	0	0	0	---	---	11
12	---	0 B	0.0088	0.003	0	0	0	0	0	0	---	---	12
13	---	0 B	0.0068	0.002	0	0	0	0	0	0	---	---	13
14	---	0 B	0.0048	0.001	0	0	0	0	0	0	---	---	14
15	---	0 B	0.0038	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0.0038	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0.0048	0	0	0	0	0	0	0	---	---	17
18	---	0.0028	0.0068	0	0	0	0	0	0	0	---	---	18
19	---	0.0068	0.0068	0	0	0	0	0	0	0	---	---	19
20	---	0.0038	0.0068	0	0	0	0	0	0	0	---	---	20
21	---	0.0018	0.0048	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0.0068	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0.0068	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0.0078	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0.0208	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0.1068	0	0	0	0	0	0	0	---	---	26
27	---	0 B	0.2828	0	0	0	0	0	0	0	---	---	27
28	---	0 B	0.1188	0	0	0	0	0	0	0	---	---	28
29	---		0.1418	0	0	0	0	0	0	0	---	---	29
30	---		0.2128	0	0	0	0	0	0	0	---	---	30
31	---		0.5598		0		0	0		0		---	31
TOTAL	---	0.011	1.912	0.940	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.062	0.031	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.005	0.558	0.434	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0		0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.010
MAXIMUM DAILY 0.5598 ON MAR 31
MINIMUM DAILY 0.0 ON FEB 1
MAXIMUM INSTANTANEOUS
0.9008 AT 22 40 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 04 N
LONG 105 56 46 W
DRAINAGE AREA 87.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.95	AUG	0
MAR	165	SEP	0
APR	81.2	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 247 dam³

POND DU LAC RIVER AT OUTLET OF BLACK LAKE - STATION NO 07LE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	290	264	252	244	321	443	417	339	256	233	221	205	1
2	290	264	252	245	339	443	416	329	256	231	221	205	2
3	289	262	252	244	339	441	420	322	254	230	220	205	3
4	288	262	252	244	347	437	418	316	253	230	221	205	4
5	287	261	252	245	386	439	414	314	251	230	221	206	5
6	287	261	254	245	363	439	413	313	248	233	221	207	6
7	286	261	254	245	371	437	410	313	251	232	220	208	7
8	285	258	254	248	376	436	406	310	250	228	220	207	8
9	284	257	253	245	384	435	403	306	249	224	220	206	9
10	284	259	252	245	389	435	399	303	248	225	218	206	10
11	284	260	251	245	395	439	395	298	247	224	218	206	11
12	285	260	250	246	402	440	393	292	247	223	215	205	12
13	284	259	249	247	407	437	388	290	246	222	216	205	13
14	284	259	248	247	411	435	384	291	245	223	218	205	14
15	283	259	247	247	418	438	385	289	247	223	215	204	15
16	281	259	246	247	421	436	385	287	245	223	214	202	16
17	281	258	247	247	425	434	380	285	243	218	214	202	17
18	280	258	247	248	430	435	375	281	244	220	214	202	18
19	278	257	247	250	432	433	372	279	244	219	212	202	19
20	277	257	247	251	434	433	367	277	242	219	212	202	20
21	276	257	246	253	437	436	363	275	241	220	211	202	21
22	275	257	245	256	439	434	359	273	241	221	210	201	22
23	274	256	245	260	441	435	356	271	241	217	209	200	23
24	272	255	245	266	444	433	354	270	239	215	208	200	24
25	270	255	244	271	443	432	349	267	238	214	207	200	25
26	268	254	244	277	444	431	346	265	237	217	206	198	26
27	266	254	244	284	445	428	344	265	236	216	205	199	27
28	267	253	244	291	445	426	342	265	231	220	205	198	28
29	267		244	300	444	423	342	262	233	221	205	198	29
30	265		245	310	444	421	339	260	235	221	205	196	30
31	265		245		445		336	258		222		195	31
TOTAL	8 854	7 236	7 697	7 891	12 616	13 048	11 773	8 987	7 336	8 918	8 417	8 285	TOTAL
MEAN	278	258	248	255	407	435	380	289	245	223	214	203	MEAN
MAX	290	264	254	310	445	443	420	339	256	233	221	208	MAX
MIN	265	253	244	244	321	421	336	258	231	214	205	196	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 287
MAXIMUM DAILY 445 ON MAY 27
MINIMUM DAILY 188 ON DEC 30
MAXIMUM INSTANTANEOUS
457 AT 21 08 CST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 06 50 N
LONG 105 32 20 W
DRAINAGE AREA 49 200 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	768 000	JUL	1 020 000
FEB	625 000	AUG	775 000
MAR	665 000	SEP	634 000
APR	685 000	OCT	588 000
MAY	1 090 000	NOV	554 000
JUN	1 130 000	DEC	543 000

TOTAL DISCHARGE 9 050 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS PARTLY DUE TO WIND ON BLACK LAKE

FOSTER RIVER ABOVE CHURCHILL RIVER - STATION NO 08CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10 2	9 53	9 32	9 02	52 1	30 0	21 1A	13 4	11 4	9 03	7 55	8 19	1
2	10 2	9 40	9 33	8 98	53 6	29 4	20 4	13 2	11 3	8 85	7 54	8 11	2
3	10 1	9 42	9 37	9 07	54 3	28 5	19 7	12 7	11 2	8 86	7 49	8 04	3
4	10 1	9 46	9 36	9 07	54 4	28 0	19 4	12 8	11 1	8 82	7 39	8 00	4
5	10 2	9 46	9 37	9 08	54 4	27 4	18 9	12 6	11 0	8 84	7 29	8 02	5
6	10 1	9 45	9 36	9 15	53 6	27 3	18 4	12 8	10 8	8 84	7 30	8 09	6
7	9 89	9 85	9 33	9 16	52 4	27 7	17 9	12 8	10 8	8 84	7 32	8 10	7
8	10 0	9 52	9 13	9 16	51 4	27 7	17 4	12 8	10 8	8 87	7 31	8 09	8
9	10 0	9 52	9 07	9 45	49 4	27 3	17 4	12 5	10 7	8 81	7 13	8 01	9
10	10 0	9 56	9 11	9 59	47 0	27 8	17 8	12 4	10 8	8 83	7 12	8 08	10
11	10 0	9 83	9 03	9 53	45 2	28 0	17 1A	12 6	10 7	8 83	7 12	8 08	11
12	10 1	9 59	8 97	9 89	43 7	29 5	16 9	12 7	10 6	8 38	7 08	8 03	12
13	10 1	9 86	9 01	9 70	42 1	28 6	16 4A	12 6	10 5	8 22	7 03	8 02	13
14	10 0	9 53	9 08	9 79	41 2	28 3	16 1	12 5	10 4	8 16	6 89	8 05	14
15	9 85	9 83	9 11	9 90	39 8A	28 9	15 8	12 5	10 2	8 15	6 88	8 07	15
16	9 78	9 49	9 09	10 1	38 4E	30 3	15 6	12 6	10 1	8 08	6 90	8 13	16
17	9 85	9 46	9 08	10 4	37 2E	30 1	15 5	12 9	9 95	8 03	6 78	8 12	17
18	9 83	9 47	9 06	10 7	36 0E	29 2	15 1	12 9	9 89	7 85	6 74	8 14	18
19	9 78	9 49	9 10	11 1	35 0E	28 5	14 8	13 3	9 83	7 80	6 83	8 17	19
20	9 72	9 53	9 14	11 7	34 4A	28 1	14 8	12 9	9 86	7 88	6 89	8 17	20
21	9 81	9 56	9 12	12 7	33 8A	28 9	14 7	12 9	9 83	7 87	6 83	8 13	21
22	9 76	9 57	9 15	14 5 A	33 2A	28 3A	14 6	12 6	9 88	7 84	6 86	8 11	22
23	9 82	9 52	9 08	17 5 A	32 3	24 8A	14 5	12 5	9 57	7 78	6 46	8 11	23
24	9 83	9 40	8 99	21 7 A	32 2	23 8	14 3	12 6	9 58	7 83	6 43	8 10	24
25	9 83	9 31	8 97	27 1 A	32 2	23 7	14 3	12 6	9 57	7 71	6 48	8 10	25
26	9 80	9 27	8 92	33 3 A	32 2	22 9	14 1	12 4	9 52	7 88	6 47	8 04	26
27	9 80	9 27	8 78	38 5 A	31 4	22 4	14 1	12 2	9 45	7 86	6 48	8 02	27
28	9 81	9 33	8 78	43 8	31 2	21 8A	13 9	12 0	9 32	7 84	6 44	8 00	28
29	9 84		8 76	47 1	31 2	21 2	13 7	12 0	9 19	7 86	6 29	8 00	29
30	9 83		8 86	50 2	30 8	20 7A	13 6	11 7	9 11	7 89	6 23	8 00	30
31	9 83		9 01		30 4		13 5	11 7		7 98		8 03	31
TOTAL	305 61	285 50	281 74	500 55	1 268 5	809 2	502 4	389 6	308 42	252 98	208 83	180 79	TOTAL
MEAN	9 86	9 48	9 09	16 7	40 9	27 0	16 2	12 6	10 2	8 16	6 89	8 03	MEAN
MAX	10 2	9 86	9 36	50 2	54 4	30 3	21 1	13 4	11 4	9 03	7 55	8 19	MAX
MIN	9 50	9 27	8 76	8 98	30 4	20 7	13 5	11 7	9 11	7 54	6 23	8 03	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14 4
MAXIMUM DAILY, 54 4 ON MAY 4
MINIMUM DAILY, 8 03 ON DEC 31
MAXIMUM INSTANTANEOUS,
55 0 AT 20 27 CST ON MAY 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 49 30 N
LONG 105 45 20 W
DRAINAGE AREA, 4 540 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 400	JUL	43 400
FEB	22 900	AUG	33 700
MAR	24 300	SEP	26 500
APR	43 200	OCT	21 800
MAY	108 000	NOV	17 900
JUN	69 800	DEC	15 600

TOTAL DISCHARGE, 485 000 dam³

FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY - STATION NO 11AC041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	2 338	30 6	1 28	0 545	0 048	5 23	0 041	0 041	---	---	1
3	---	---	1 809	23 5	1 47	0 494	0 043	1 80	0 032	0 036	---	---	2
4	---	---	1 918	17 5	0 832	0 442	0 037	0 809	0 030	0 035	---	---	3
5	---	---	2 588	13 8	0 380	0 388	0 032	0 328	0 029	0 041	---	---	4
			6 918	10 5	0 097	0 277	0 027	0 220	0 028	0 032	---	---	5
6	---	---											
7	---	---	16 5 B	8 22	0 038	0 204	0 022	0 159	0 027	0 030	---	---	6
8	---	---	27 1 B	7 03	0 358	0 348	0 018	0 122	0 027	0 032	---	---	7
9	---	---	30 3 B	6 41	0 234	0 385	0 016	0 105	0 027	0 030	---	---	8
10	---	---	17 1 B	5 88	0 220	0 284	0 011	0 083	0 027	0 038	---	---	9
			10 2 B	5 58	0 204	0 219	0 008	0 078	0 019	0 033	---	---	10
11	---	---	7 538	7 24	0 189	0 188	0 007	0 077	0 021	0 036	---	---	11
12	---	---	8 438	7 05	0 187	0 134	0 006	0 069	0 019	0 037	---	---	12
13	---	---	14 1 B	6 50	0 178	0 121	0 020	0 081	0 027	0 037	---	---	13
14	---	---	11 7 B	6 86	0 172	0 112	0 788	0 083	0 036	0 037	---	---	14
15	---	---	10 9 B	6 48	0 242	0 105	0 785	0 083	0 038	0 038	---	---	15
16	---	---	12 1 B	5 84	0 732	0 102	0 483	1 09	0 088	0 044	---	---	16
17	---	---	14 1 B	5 73	0 832	0 094	0 782	0 856	0 084	0 046	---	---	17
18	---	---	18 9 B	2 92	0 984	0 081	1 80	0 442	0 057	0 048	---	---	18
19	---	---	18 0 B	2 10	1 03	0 068	2 02	0 283	0 055	0 044	---	---	19
20	---	---	18 8 B	2 38	1 02	0 074	2 10	0 225	0 060	0 048	---	---	20
21	---	---	18 8 B	2 24	0 920	0 067	1 37	0 175	0 082	0 047	---	---	21
22	---	---	11 8 B	2 20	0 887	0 063	0 782	0 124	0 067	0 048	---	---	22
23	---	---	10 9	1 84	0 988	0 059	0 585	0 102	0 085	0 050	---	---	23
24	---	---	---	1 89	0 934	0 048	0 513	0 090	0 054	0 054	---	---	24
25	---	6 508	9 29	1 83	1 00	0 053	0 488	0 081	0 053	0 108	---	---	25
26	---	5 008	10 2	1 81	1 11	0 057	0 403	0 207	0 055	0 204	---	---	26
27	---	3 588	17 4 B	1 48	1 01	0 057	0 384	0 105	0 051	0 178	---	---	27
28	---	2 588	18 1 B	1 47	1 17	0 062	0 310	0 083	0 048	0 170	---	---	28
29	---		13 1	1 42	1 20	0 062	14 2	0 055	0 043	0 170A	---	---	29
30	---		14 2	1 37	1 05	0 054	17 9	0 051	0 044	0 165E	---	---	30
31	---		17 2		0 732		8 43	0 044		0 180E	---	---	31
TOTAL	---	---	400 09	191 46	21 631	5 185	54 137	12 972	1 285	3 111	---	---	TOTAL
MEAN	---	---	12 9	6 38	0 698	0 173	1 75	0 418	0 043	0 088	---	---	MEAN
MAX	---	---	30 3	23 5	1 47	0 545	17 9	5 23	0 084	0 204	---	---	MAX
MIN	---	---	1 80	1 37	0 038	0 049	0 005	0 044	0 019	0 030	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 81
MAXIMUM DAILY, 30 38 ON MAR 8
MINIMUM DAILY, 0 005 ON JUL 12
MAXIMUM INSTANTANEOUS,
32 48 AT 09 15 CST ON MAR 8

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 00 N
LONG 107 18 05 W
DRAINAGE AREA, 5 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 880
FEB	---	AUG	1 120
MAR	34 800	SEP	112
APR	18 500	OCT	143
MAY	1 670	NOV	---
JUN	448	DEC	---

TOTAL DISCHARGE, 59 500 dam³

FRENCHMAN RIVER BELOW EASTEND RESERVOIR - STATION NO 11AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.728	5.69	1.18	0.077	0.054	0.079	0.132	0.333	---	---	1
2	---	---	1.608	10.1	1.19	0.063	0.031	0.033	0.120	0.373	---	---	2
3	---	---	1.548	10.9	1.21	0.068	0.035	0.042	0.116	0.378	---	---	3
4	---	---	1.938	8.79	0.780	0.058	0.082	0.048	0.044	0.059	---	---	4
5	---	---	3.178	10.5	0.477	0.058	0.062	0.080	0.127	0.055	---	---	5
6	---	---	5.888	10.4	0.483	0.084	0.081	0.083	0.156	0.044	---	---	6
7	---	---	18.4 B	7.82	0.478	0.105	0.044	0.105	0.029	0.059	---	---	7
8	---	---	28.4 B	6.93	0.479	0.088	0.047	0.066	0.855	0.076	---	---	8
9	---	---	7.128	5.81	0.476	0.078	0.058	0.083	1.28	0.053	---	---	9
10	---	1.078	4.818	2.74	0.487	0.130	0.060	0.101	1.20	0.045	---	---	10
11	---	1.108	4.588	1.31	0.448	0.118	0.068	0.125	1.17	0.041	---	---	11
12	---	1.228	4.208	1.31	0.432	0.088	0.068	0.098	1.09	0.043	---	---	12
13	---	1.208	3.518	1.48	0.300	0.075	0.059	0.088	1.05	0.059	---	---	13
14	---	1.258	3.188	2.14	0.206	0.106	0.071	0.126	1.01	0.103	---	---	14
15	---	1.568	5.33	2.12	0.188	0.132	0.078	0.086	0.979	0.028	---	---	15
16	---	1.618	8.19	2.08	0.184	0.137	0.062	0.087	0.935	0.321	---	---	16
17	---	1.578	8.98	2.05	0.123	0.107	0.026	0.217	1.05	0.173	---	---	17
18	---	1.418	8.18	2.07	0.113	0.087	0.087	0.339	1.10	0.083	---	---	18
19	---	1.418	8.30	2.07	0.104	0.075	0.021	0.382	1.05	0.089	---	---	19
20	---	1.488	5.52	1.74	0.099	0.186	0.052	0.284	1.03	0.010	---	---	20
21	---	1.488	3.63	1.35	0.089	0.138	0.045	0.146	0.997	0.012	---	---	21
22	---	1.588	2.73	1.10	0.082	0.132	0.023	0.148	0.951	0.011	---	---	22
23	---	1.678	2.72	0.583	0.077	0.088	0.019	0.156	0.809	0.018	---	---	23
24	---	1.708	2.68	0.360	0.073	0.096	0.035	0.187	0.897	0.047	---	---	24
25	---	1.778	2.26	0.358	0.097	0.089	0.026	0.135	0.863	0.073	---	---	25
26	---	1.888	1.19	0.520	0.104	0.082	0.013	0.130	0.822	0.083	---	---	26
27	---	1.948	1.94	1.15	0.070	0.088	0.008	0.145	0.771	0.022A	---	---	27
28	---	1.748	2.83	1.15	0.081	0.116	0.045	0.162	0.720	0.022E	---	---	28
29	---		2.64	1.15	0.059	0.068	0.553	0.148	0.655	0.021E	---	---	29
30	---		2.65	1.14	0.058	0.044	1.23	0.129	0.587	0.021E	---	---	30
31	---		3.47		0.068		0.199	0.130		0.021E		---	31
TOTAL	---	---	155.28	107.118	10.211	2.826	3.303	4.095	22.895	2.016	---	---	TOTAL
MEAN	---	---	5.01	3.57	0.329	0.094	0.107	0.132	0.757	0.065	---	---	MEAN
MAX	---	---	28.4	10.9	1.21	0.186	1.23	0.382	1.28	0.321	---	---	MAX
MIN	---	---	1.19	0.358	0.058	0.044	0.008	0.033	0.029	0.010	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.26
MAXIMUM DAILY, 28.4B ON MAR 8
MINIMUM DAILY, 0.008 ON JUL 27
MAXIMUM INSTANTANEOUS,
31.2B AT 14:04 CST ON MAR 8

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 54 N
LONG 108 50 16 W
DRAINAGE AREA, 1 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	265
FEB	---	AUG	354
MAR	13 490	SEP	1 950
APR	9 280	OCT	174
MAY	382	NOV	---
JUN	244	DEC	---

TOTAL DISCHARGE, 28 800 dam³

REMARKS - RUNOFF WHICH OCCURRED IN FEBRUARY IS NOT INCLUDED IN THE SUMMARY

FRENCHMAN RIVER BELOW NEWTON LAKE - STATION NO. 11AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.03	5.22	0.185	0.093	0.079	0.084	0.002	0.182	---	---	1
2	---	---	3.04	5.78	0.170	0.080	0.080	0.080	0.002	0.180	---	---	2
3	---	---	3.04	5.73	0.158	0.085	0.083	0.079	0.214	0.187	---	---	3
4	---	---	1.88	5.74	0.148	0.085	0.087	0.075	0.278	0.185	---	---	4
5	---	---	0.370	5.80	0.133	0.083	0.088	0.087	0.256	0.148	---	---	5
6	---	---	0.388	5.81	0.130	0.083	0.084	0.048	0.218	0.161	---	---	6
7	---	---	0.387	6.45	0.129	0.083	0.081	0.016	0.212	0.144	---	---	7
8	---	---	0.378	7.33	0.126	0.085	0.082A	0.001	0.205	0.183	---	---	8
9	---	---	3.46	7.80	0.123	0.087	0.079E	0.003	0.202	0.130	---	---	9
10	---	0.488A	8.80	7.30	0.122	0.088	0.078E	0.004	0.187	0.128	---	---	10
11	---	0.872	10.7	7.41	0.124	0.084	0.073E	0.003	0.186	0.130	---	---	11
12	---	1.08	11.7	7.58	0.131	0.072	0.070E	0.002	0.187	0.132	---	---	12
13	---	1.23	13.8 B	7.68	0.120	0.080	0.067E	0.002	0.180	0.128	---	---	13
14	---	1.44	14.7 B	7.70	0.110	0.083	0.064E	0.002	0.175	0.125	---	---	14
15	---	1.78	15.6 B	5.81	0.113	0.089	0.061E	0.002	0.172	0.129	---	---	15
16	---	1.93	15.4 B	2.73	0.111	0.091	0.058E	0.002	0.171	0.119	---	---	16
17	---	2.32	15.1 B	1.51	0.111	0.092	0.055E	0.001	0.190	0.118	---	---	17
18	---	2.74	12.3 B	1.50	0.111	0.092	0.052E	0.002	0.203	0.111	---	---	18
19	---	4.81	8.18	1.52	0.111	0.091	0.048E	0.002	0.196	0.114	---	---	19
20	---	6.13	7.94	1.52	0.089	0.092	0.045E	0.002	0.200	0.204	---	---	20
21	---	6.13	7.18	1.20	0.087	0.091	0.042A	0.001	0.203	0.247	---	---	21
22	---	6.14	6.64	1.01	0.086	0.089	0.038	0.003	0.200	0.217	---	---	22
23	---	4.81	6.61	1.01	0.085	0.085	0.029	0.004	0.187	0.224	---	---	23
24	---	3.01	6.58	1.03	0.085	0.084	0.038	0.005	0.180	0.227	---	---	24
25	---	3.01	6.58	1.03	0.084	0.085	0.038	0.004	0.178	0.217	---	---	25
26	---	3.02	6.60	1.05	0.084	0.083	0.039	0.004	0.179	0.206	---	---	26
27	---	3.02	6.61	1.04	0.082	0.078	0.038	0.005	0.173	0.200	---	---	27
28	---	3.03	6.64	1.04	0.080	0.073	0.041	0.004	0.182	0.198A	---	---	28
29	---		6.64	1.08	0.082	0.075	0.041	0.003	0.167	0.195E	---	---	29
30	---		6.60	0.521	0.090	0.077	0.089	0.003	0.166	0.193E	---	---	30
31	---		6.55		0.088		0.086	0.002		0.191E		---	31
TOTAL	---	---	224.370	118.781	3.589	2.370	1.919	0.516	5.432	5.101	---	---	TOTAL
MEAN	---	---	7.24	3.96	0.116	0.079	0.062	0.017	0.181	0.165	---	---	MEAN
MAX	---	---	15.6	7.70	0.185	0.093	0.087	0.084	0.279	0.247	---	---	MAX
MIN	---	---	0.370	0.521	0.088	0.063	0.038	0.001	0.002	0.111	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 15.6B ON MAR 15
MINIMUM DAILY, 0.001 ON AUG 6
MAXIMUM INSTANTANEOUS,
15.78 AT 13:41 CST ON MAR 15

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 07 N
LONG 107 48 20 W
DRAINAGE AREA, 3 490 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	198
FEB	---	AUG	44 9
MAR	18 490	SEP	469
APR	10 360	OCT	441
MAY	310	NOV	---
JUN	205	DEC	---

TOTAL DISCHARGE, 31 300 dam³

REMARKS - RUNOFF WHICH OCCURRED IN FEBRUARY IS NOT INCLUDED IN THE SUMMARY

FROBISHER INDEX RESERVOIR - STATION NO 05ND005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	29.060	29.611	29.617	29.388	29.085	29.022	28.732	28.547	---	---	1
2	---	---	29.036	29.611	29.606	29.369	29.076	29.006	28.723	28.537	---	---	2
3	---	---	29.017	29.606	29.601	29.363	29.064	28.982	28.714	28.531	---	---	3
4	---	28.930A	29.112	29.799	29.599	29.375	29.053	28.978	28.705	28.526	---	---	4
5	---	---	29.309	29.795	29.591	29.366	29.041	28.966	28.696	28.515	---	---	5
6	---	---	29.386	29.781	29.578	29.354	29.036	28.954	28.687	28.505	---	---	6
7	---	---	29.395	29.781	29.568	29.338	29.028	28.945	28.675	28.498	---	---	7
8	---	---	29.387	29.788	29.558	29.323	29.016	28.933	28.662	28.494	---	---	8
9	---	---	29.374	29.781	29.543	29.312	29.016	28.918	28.653	28.485	---	---	9
10	---	---	29.361	29.774	29.528	29.306	29.031	28.907	28.648	28.481	---	---	10
11	---	---	29.352	29.770	29.516	29.313	29.036	28.897	28.645	28.478	---	---	11
12	---	---	29.346	29.766	29.504	29.300	29.026	28.881	28.640	28.473	---	---	12
13	---	---	29.338	29.762	29.490	29.287	29.024	28.868	28.633	28.468	---	---	13
14	---	---	29.333	29.759	29.475	29.271	29.015	28.863	28.627	28.455	---	---	14
15	---	---	29.330	29.753	29.467	29.267	29.004	28.863	28.621	28.450	---	---	15
16	---	---	29.325	29.746	29.470	29.239	28.990	28.855	28.612	28.447	---	---	16
17	---	---	29.324	29.740	29.469A	29.223	28.979	28.854	28.617	28.445	---	---	17
18	---	---	29.331	29.730	29.462A	29.207	28.990	28.854	28.615	28.443	---	---	18
19	---	---	29.331	29.723	29.458A	29.193	28.987	28.847	28.610	28.436	---	---	19
20	---	---	29.333	29.711	29.451A	29.181	28.990	28.840	28.603	28.431	---	---	20
21	---	---	29.372A	29.704	29.446	29.173	28.982	28.832	28.596	28.426	---	---	21
22	---	---	29.471E	29.697	29.438	29.160	28.983	28.820	28.588	28.422	---	---	22
23	---	---	29.522E	29.691	29.436	29.150	28.979	28.808	28.581	28.420	---	---	23
24	---	---	29.541E	29.684	29.427	29.135	28.977	28.800	28.570	28.415	---	---	24
25	---	29.096A	29.552A	29.678	29.419	29.119	28.967	28.793	28.566	28.412	---	---	25
26	---	29.085	29.569	29.669	29.414	29.103	28.955	28.786	28.557	28.410	---	---	26
27	---	29.072	29.663	29.656	29.415	29.093	28.943	28.778	28.553	28.401A	---	---	27
28	---	29.058	29.652	29.650	29.414	29.091	28.930	28.771	28.565	28.401E	---	---	28
29	---	---	29.642	29.637	29.419	29.095	28.916	28.762	28.557	28.401E	---	---	29
30	---	---	29.637	29.627	29.412	29.089	28.904	28.753	28.551	28.400E	---	---	30
31	---	---	29.711	---	29.404	---	28.928	28.742	---	28.400E	---	---	31
MEAN	---	---	29.380	29.737	29.480	29.241	29.005	28.868	28.627	28.457	---	---	MEAN
MAX	---	---	29.711	29.811	29.617	29.388	29.085	29.022	28.732	28.547	---	---	MAX
MIN	---	---	29.017	29.627	29.404	29.089	28.914	28.742	28.551	28.400	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 29.811 ON APR 1

MAXIMUM INSTANTANEOUS,
29.816 AT 22 44 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 47 N
LONG 102 22 36 W

A - MANUAL GAUGE

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GAFF DITCH NEAR MERRYFLAT - STATION NO 11AB102

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0058	0.638	0.005	0.005	0.005	0.002	0.002	---	---	1
2	---	---	0 B	0.0058	0.631	0.005	0.005	0.005	0.002	0.002	---	---	2
3	---	---	0 B	0.0058	0.623	0.004	0.005	0.005	0.002	0.002	---	---	3
4	---	---	0 B	0.0078	0.613	0.004	0.005	0.005	0.002	0.002	---	---	4
5	---	---	0.0028	0.012	0.580	0.002	0.005	0.004	0.003	0.002	---	---	5
6	---	---	0.0028	0.345	0.578	0.002	0.005	0.004	0.003	0.002	---	---	6
7	---	---	0.0048	0.429	0.565	0.003	0.004	0.004	0.004	0.006	---	---	7
8	---	---	0.0058	0.305	0.545	0.003	0.004	0.004	0.004	0.010	---	---	8
9	---	---	0.0038	0.189	0.523	0.003	0.004	0.004	0.004	0.009	---	---	9
10	---	---	0.0038	0.288	0.501	0.004	0.004	0.003	0.005	0.010	---	---	10
11	---	0.0038	0.0038	0.321	0.486	0.004	0.004	0.004	0.005	0.010	---	---	11
12	---	0.0038	0.0038	0.290	0.461	0.004	0.004	0.004	0.005	0.010	---	---	12
13	---	0.0038	0.0038	0.388	0.418	0.005	0.004	0.004	0.005	0.009	---	---	13
14	---	0.0028	0.0038	0.483	0.388	0.006	0.003	0.004	0.005	0.009	---	---	14
15	---	0.0028	0.0048	0.478	0.368	0.006	0.001	0.005	0.004	0.009	---	---	15
16	---	0.0028	0.0048	0.500	0.321	0.007	0.002	0.005	0.004	0.009	---	---	16
17	---	0.0028	0.0048	0.510	0.247	0.007	0.002	0.005	0.003	0.008	---	---	17
18	---	0.0018	0.0048	0.520	0.261	0.008	0.001	0.006	0.003	0.008	---	---	18
19	---	0.0018	0.0038	0.486	0.261	0.008	0.001	0.006	0.003	0.007	---	---	19
20	---	0.0018	0.0038	0.485	0.109	0.005	0.001	0.002	0.003	0.007	---	---	20
21	---	0.0018	0.0028	0.408	0.055	0.004	0.001	0.002	0.003	0.007	---	---	21
22	---	0 B	0.0018	0.387	0.044	0.004	0.001	0.002	0.003	0.007	---	---	22
23	---	0 B	0.0018	0.378	0.041	0.003	0.001	0.001	0.003	0.008	---	---	23
24	---	0 B	0.0028	0.330	0.028	0.003	0.001	0.001	0.002	0.006	---	---	24
25	---	0 B	0.0028	0.366	0.033	0.003	0.007	0.002	0.002	0.007	---	---	25
26	---	0 B	0.0038	0.447	0.036	0.003	0.008	0.003	0.002	0.008A	---	---	26
27	---	0 B	0.0038	0.438	0.035	0.003	0.008	0.002	0.002	0.008E	---	---	27
28	---	0 B	0.0038	0.436	0.035	0.003	0.008	0.002	0.002	0.008E	---	---	28
29	---	---	0.0038	0.455	0.023	0.004	0.008	0.002	0.002	0.008E	---	---	29
30	---	---	0 B	0.589	0.008	0.004	0.008	0.002	0.002	0.008E	---	---	30
31	---	---	0.0048	---	0.006	---	0.008	0.002	---	0.008E	---	---	31
TOTAL	---	---	0.077	10.231	9.457	0.126	0.121	0.111	0.093	0.218	---	---	TOTAL
MEAN	---	---	0.002	0.341	0.305	0.004	0.004	0.004	0.003	0.007	---	---	MEAN
MAX	---	---	0.005	0.589	0.638	0.007	0.007	0.008	0.005	0.010	---	---	MAX
MIN	---	---	0	0.005	0.006	0.002	0.001	0.001	0.002	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.083
MAXIMUM DAILY, 0.638 ON MAY 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 05 N
LONG 109 50 07 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	10.5
FEB	---	AUG	8.59
MAR	8.65	SEP	6.04
APR	884	OCT	18.8
MAY	817	NOV	---
JUN	10.8	DEC	---

TOTAL DISCHARGE, 1 770 dam³

GAINSBOROUGH CREEK NEAR STORYBOAKS - STATION NO 05NP013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	5.28 B	0.026	0.005	0	0	0	0	---	---	1
2	---	---	0 B	2.92 B	0.023	0.005	0	0	0	0	---	---	2
3	---	---	0 B	5.16 B	0.021	0.005	0	0	0	0	---	---	3
4	---	---	0 B	7.06 B	0.020	0.005	0	0	0	0	---	---	4
5	---	---	0 B	8.39 B	0.019	0.004	0	0	0	0	---	---	5
6	---	---	0 B	9.05 B	0.018	0.005	0	0	0	0	---	---	6
7	---	---	0 B	9.08 B	0.017	0.004	0	0	0	0	---	---	7
8	---	---	0 B	7.73	0.015	0.004	0	0	0	0	---	---	8
9	---	---	0 B	5.87	0.013	0.004	0	0	0	0	---	---	9
10	---	---	0 B	4.82	0.012	0.004	0	0	0	0	---	---	10
11	---	---	0 B	3.40	0.010	0.004	0	0	0	0	---	---	11
12	---	---	0 B	2.48	0.008	0.004	0	0	0	0	---	---	12
13	---	---	0 B	1.92	0.007	0.003	0	0	0	0	---	---	13
14	---	---	0 B	1.53	0.006	0.003	0	0	0	0	---	---	14
15	---	---	0 B	1.22	0.006	0.002	0	0	0	0	---	---	15
16	---	---	0 B	1.09	0.006	0.002	0	0	0	0	---	---	16
17	---	---	0 B	1.00	0.006	0.002	0	0	0	0	---	---	17
18	---	---	0 B	0.930	0.006	0.001	0	0	0	0	---	---	18
19	---	---	0 B	0.806	0.006	0.001	0	0	0	0	---	---	19
20	---	---	0 B	0.622	0.006	0.001	0	0	0	0	---	---	20
21	---	---	0.150B	0.478	0.006	0.001	0	0	0	0	---	---	21
22	---	---	0.605B	0.381	0.006	0	0	0	0	0	---	---	22
23	---	---	1.16 B	0.288	0.006	0	0	0	0	0	---	---	23
24	---	---	0.782B	0.220	0.006	0	0	0	0	0	---	---	24
25	---	---	0.658B	0.206	0.006	0	0	0	0	0	---	---	25
26	---	---	0.978B	0.180	0.006	0	0	0	0	0	---	---	26
27	---	---	2.71 B	0.122	0.006	0	0	0	0	0E	---	---	27
28	---	---	0.885B	0.119	0.006	0	0	0	0	0E	---	---	28
29	---		0.798B	0.085	0.006	0	0	0	0	0E	---	---	29
30	---		0.808B	0.038	0.005	0	0	0	0	0E	---	---	30
31	---		1.56 B		0.005		0	0		0E		---	31
TOTAL	---	---	11.284	82.382	0.317	0.069	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.364	2.75	0.010	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	2.71	9.08	0.026	0.005	0	0	0	0	---	---	MAX
MIN	---	---	0	0.038	0.005	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.364
MAXIMUM DAILY, 9.08B ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
9.30B AT 05 00 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 51 N
LONG 101 31 36 W
DRAINAGE AREA, 712 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	975	SEP	0
APR	7 120	OCT	0
MAY	27 4	NOV	---
JUN	5 96	DEC	---

TOTAL DISCHARGE, 8 130 dam³

GAP CREEK BELOW DOWNIE LAKE DIVERSION - STATION NO 05HA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.0808	0.3108	0.028	0.031	0	0	0	0	---	---	1
2	---	0 B	0.0458	0.0198	0.026	0.012	0	0	0	0	---	---	2
3	---	0 B	0.0408	0.0138	0.025	0.007	0	0	0	0	---	---	3
4	---	0 B	0.1308	0.0108	0.017	0.004	0	0	0	0	---	---	4
5	---	0 B	0.0348	1.67 B	0.015	0.003	0	0	0	0	---	---	5
6	---	0.010B	0.0238	2.02	0.014	0	0	0	0	0	---	---	6
7	---	0.080B	0.0178	1.48	0.004	0	0	0	0	0	---	---	7
8	---	0.200B	0.0108	1.04	0.008	0	0	0	0	0	---	---	8
9	---	0.158B	0.0098	0.770	0.004	0	0	0	0	0	---	---	9
10	---	0.504B	0.0098	0.536	0.003	0	0	0	0	0	---	---	10
11	---	0.598B	0.0098	0.391	0.004	0	0	0	0	0	---	---	11
12	---	0.614B	0.0088	0.380	0.003	0	0	0	0	0	---	---	12
13	---	0.531B	0.0098	0.291	0.003	0	0	0	0	0	---	---	13
14	---	0.484B	0.0298	0.244	0.004	0	0	0	0	0	---	---	14
15	---	0.398B	0.0138	0.208	0.003	0	0	0	0	0	---	---	15
16	---	0.378B	0.0098	0.180	0.002	0	0	0	0	0	---	---	16
17	---	0.258B	0.0098	0.174	0.003	0	0	0	0	0	---	---	17
18	---	0.214B	0.0088	0.166	0.003	0	0	0	0	0	---	---	18
19	---	0.209B	0.0088	0.152	0.002	0	0	0	0	0	---	---	19
20	---	0.189B	0.0088	0.136	0.001	0	0	0	0	0	---	---	20
21	---	0.178B	0.0058	0.126	0	0	0	0	0	0	---	---	21
22	---	0.173B	0.0088	0.083	0	0	0	0	0	0	---	---	22
23	---	0.165B	0.0088	0.066	0	0	0	0	0	0	---	---	23
24	---	0.140B	0.0068	0.051	0	0	0	0	0	0	---	---	24
25	---	0.120B	0.0088	0.046	0	0	0	0	0	0	---	---	25
26	---	0.105B	0.0138	0.041	0.012	0	0	0.002	0	0	---	---	26
27	---	0.080B	0.0138	0.041	0.016	0	0	0.002	0	0	---	---	27
28	---	0.080B	0.0088	0.038	0.071	0	0	0	0	0	---	---	28
29	---		0.0078	0.036	0.045	0	0	0	0	0	---	---	29
30	---		0.0248	0.031	0.063	0	0	0		0	---	---	30
31	---		0.0248		0.045		0	0		0		---	31
TOTAL	---	6.241	0.804	10.841	0.488	0.056	0	0.004	0	0	---	---	TOTAL
MEAN	---	0.223	0.019	0.385	0.015	0.002	0	0	0	0	---	---	MEAN
MAX	---	0.614	0.130	2.02	0.088	0.031	0	0.002	0	0	---	---	MAX
MIN	---	0	0.005	0.010	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.066
MAXIMUM DAILY, 2.02 ON APR 6
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
3.34B AT 11 46 CST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 46 13 N
LONG 109 38 15 W
DRAINAGE AREA, 235 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	539	AUG	0 35
MAR	52 2	SEP	0
APR	818	OCT	0
MAY	40 4	NOV	---
JUN	4 84	DEC	---

TOTAL DISCHARGE, 1 880 dam³

GARDEN RIVER NEAR HENNIBOURG - STATION NO 05CC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 8	0 8	0 040	0	0	0 048	0 048	0 040	0 044	---	1
2	---	---	0 8	0 8	0 175	0	0	0 077	0 043	0 040	0 038	---	2
3	---	---	0 8	0 8	0 204	0	0 031	0 278	0 048	0 040	0 088	---	3
4	---	---	0 8	0 012	0 155	0	0 004	0 318	0 053	0 040	0 119	---	4
5	---	---	0 8	0 059	0 128	0	0	0 279	0 030	0 040	0 102	---	5
6	---	---	0 8	0 100	0 091	0	0	0 193	0 028	0 040	0 100	---	6
7	---	---	0 8	0 077	0 057	0	0	0 281	0 030	0 040	0 100	---	7
8	---	---	0 8	0 043	0 002	0	0	0 242	0 055	0 040	0 087	---	8
9	---	---	0 8	0 882	0 001	0	0	0 280	0 040	0 040	0 078	---	9
10	---	---	0 8	1 88	0 001	0	0	0 259	0 044	0 040	0 084	---	10
11	---	---	0 8	0 827	0 001	0	0	0 313	0 025	0 040	0 072	---	11
12	---	---	0 8	0 991	0 013	0	0	0 422	0 027	0 040	0 093	---	12
13	---	---	0 8	0 828	0 020	0	0	0 448	0 058	0 040	0 085A	---	13
14	---	---	0 8	0 888	0 021	0	0	0 490	0 083	0 040	---	---	14
15	---	---	0 8	0 880	0 008	0	0	0 413	0 041	0 044	---	---	15
16	---	---	0 8	0 885	0	0	0	0 386	0 043	0 018	---	---	16
17	---	---	0 8	0 858	0	0	0	0 482	0 028	0 085	---	---	17
18	---	---	0 8	0 544	0	0	0	0 534	0 034	0 057	---	---	18
19	---	---	0 8	0 582	0	0	0	0 555	0 046	0 030	---	---	19
20	---	---	0 8	0 434	0	0	0	0 411	0 082	0 043	---	---	20
21	---	---	0 8	0 385	0	0	0	0 404	0 040	0 092	---	---	21
22	---	---	0 8	0 415	0	0	0	0 373	0 040	0 108	---	---	22
23	---	---	0 8	0 277	0	0	0	0 332	0 040	0 111	---	---	23
24	---	---	0 8	0 205	0	0	0	0 287	0 040	0 084	---	---	24
25	---	---	0 8	0 153	0	0	0	0 255	0 040	0 082	---	---	25
26	---	---	0 8	0 070	0	0	0	0 250	0 040	0 189	---	---	26
27	---	---	0 8	0 056	0	0	0	0 207	0 040	0 100	---	---	27
28	---	---	0 8	0 032	0	0	0	0 155	0 040	0 127	---	---	28
29	---		0 8	0 175	0	0	0	0 133	0 040	0 093	---	---	29
30	---		0 8	0 118	0	0	0 058	0 103	0 040	0 081	---	---	30
31	---		0 8		0		0 072	0 073		0 038		---	31
TOTAL	---	---	0	11 725	0 315	0	0 188	9 272	1 248	1 883	---	---	TOTAL
MEAN	---	---	0	0 391	0 030	0	0 005	0 299	0 042	0 081	---	---	MEAN
MAX	---	---	0	1 88	0 204	0	0 072	0 555	0 083	0 189	---	---	MAX
MIN	---	---	0	0	0	0	0	0 049	0 025	0 018	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 103
MAXIMUM DAILY, 1 88 ON APR 10
MINIMUM DAILY, 0 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
2 29 AT 12 01 CST ON APR 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 23 36 N
LONG 105 38 39 W
DRAINAGE AREA, 903 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	14 6
FEB	---	AUG	801
MAR	0	SEP	108
APR	1 010	OCT	163
MAY	79 1	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 180 dam³

CEIKIE RIVER BELOW WHEELER RIVER - STATION NO 06DA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29 78	29 68	30 08	30 78	70 1	50 8	31 7	21 7	19 8E	20 8	21 6	20 7	1
2	29 78	29 58	30 28	30 78	70 1	49 3	31 5	21 2E	19 8A	21 2	21 5	20 8	2
3	29 68	29 38	30 48	30 68	70 0	49 8	31 7	20 8E	19 5	21 3	21 5	20 2	3
4	30 18	29 38	30 68	30 38	69 9	50 1	31 2	20 4E	19 4	21 0	20 9	19 6	4
5	30 38	29 58	30 68	30 28	68 9	49 8	31 0	20 0E	19 6	20 9	19 7	18 8	5
6	30 08	29 38	30 28	30 18	67 8	48 7	30 3	19 8E	20 1	20 6	18 0	17 8	6
7	30 28	29 38	30 58	30 48	67 5	47 8	29 7	19 8E	20 6	20 3	17 0	17 0	7
8	30 28	29 38	30 58	31 38	66 6	47 3	29 3	19 4E	20 9	19 5	16 8	16 8	8
9	30 18	29 48	30 68	32 48	65 0	46 7	28 3	19 2E	20 9	20 0	17 4	16 8	9
10	30 18	29 38	30 68	33 38	64 1	46 0	27 6	19 1E	21 0	20 1	18 7	17 4	10
11	30 18	29 48	31 08	33 68	63 4	46 1	27 5	19 0E	21 3	20 0	19 9	18 7	11
12	30 18	29 48	30 98	34 28	61 8	45 6	27 3	19 0E	21 4	19 9	21 1	19 9	12
13	29 98	29 38	31 18	34 28	61 4	46 5	27 0	19 0E	21 4	20 3	21 5	20 8	13
14	29 78	29 38	31 38	34 58	61 1	46 0	26 4	18 9E	21 1	20 5	21 8	21 2	14
15	29 58	29 38	31 58	35 68	61 7	44 1	26 4	18 8E	20 9	20 0	21 8	21 2	15
16	29 18	29 38	31 78	37 4	60 9	42 7	26 3	18 8E	21 3	20 2	21 9	21 1	16
17	29 28	29 48	31 88	39 9	59 6	42 8	27 2	18 8E	21 3	20 4	20 8	20 8	17
18	29 18	29 38	31 18	43 3	58 6	42 4	27 5	18 8E	21 1	20 0	19 5	20 5	18
19	29 18	29 68	31 28	46 5	58 8	41 4	27 3	18 8E	21 0	19 3	18 2	20 5	19
20	29 18	29 68	31 38	48 8	57 4	40 6	27 0	18 9E	21 2	19 5	17 3	20 4	20
21	29 38	29 38	31 18	51 5	58 1	39 0	26 7	18 9E	21 2	19 4	17 0	20 1	21
22	29 38	29 18	30 88	54 8	57 8	38 7	26 3	18 8E	20 9	18 4	16 5	19 7	22
23	29 58	29 18	30 18	57 8	56 8	38 8	25 7	19 0E	20 7	18 6	16 2	19 5	23
24	29 68	29 48	29 88	61 0	55 7	38 6	25 2	19 0E	20 7	18 2	16 6	19 1	24
25	29 68	29 48	30 08	63 1	55 5	37 2	25 0	19 1E	20 7	18 7	17 3	18 8	25
26	29 58	29 48	30 48	65 8	54 0	36 0	24 4	19 2E	20 8	19 1	18 0	18 7	26
27	29 58	29 68	30 68	67 9	52 9	35 1	23 9	19 3E	20 4	18 5	19 2	18 5	27
28	29 28	29 98	30 68	69 2	52 2	34 0	23 7	19 4E	20 4	18 9	20 1	18 7	28
29	29 28		30 58	70 2	51 2	33 3	23 0	19 5E	20 0	20 6	20 5	19 4	29
30	29 48		30 78	70 2	50 4	32 4	22 2	19 6E	20 5	20 8	20 8	19 9	30
31	29 48		30 78		50 3		22 1	19 7E		21 1		20 2	31
TOTAL	918 6	823 1	952 4	1 329 6	1 877 7	1 286 5	840 4	801 8	619 7	622 1	578 9	603 3	TOTAL
MEAN	29 6	29 4	30 7	44 3	60 6	43 0	27 1	19 4	20 7	20 1	19 3	19 5	MEAN
MAX	30 3	29 9	31 7	70 2	70 1	50 8	31 7	21 7	21 4	21 3	21 9	21 2	MAX
MIN	29 1	29 1	29 8	30 1	50 3	32 4	22 1	18 8	19 4	18 3	18 2	18 8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30 3
MAXIMUM DAILY, 70 2 ON APR 29
MINIMUM DAILY, 18 2 ON NOV 23
MAXIMUM INSTANTANEOUS,
71 3 AT 11 31 CST ON APR 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 35 20 N
LONG 104 12 10 W
DRAINAGE AREA, 7 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	79 400	JUL	72 600
FEB	71 100	AUG	52 000
MAR	83 300	SEP	53 500
APR	115 000	OCT	53 700
MAY	162 000	NOV	50 000
JUN	111 000	DEC	52 100

TOTAL DISCHARGE, 955 000 dam³

GIBSON CREEK NEAR RADVILLE - STATION NO. 05NA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.49 B	0	0	0	0	0	0	---	---	1
2	---	---	0 B	2.70 B	0	0	0	0	0	0	---	---	2
3	---	---	0 B	1.74 B	0	0	0	0	0	0	---	---	3
4	---	---	0 B	1.01 B	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.7008	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.5178	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.3778	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.251	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.178	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.137	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.115	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.094	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.082	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.063	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.059	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.041	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.033	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.026	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.017	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.010	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.007	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.004	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.002	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0.001	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0.001	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.1738	0	0	0	0	0	0	0	---	---	27
28	---	---	0.8858	0	0	0	0	0	0	0	---	---	28
29	---		0.7108	0	0	0	0	0	0	0	---	---	29
30	---		0.3738	0	0	0	0	0	0	0	---	---	30
31	---		1.08 B		0		0	0		0		---	31
TOTAL	---	---	3.211	11.678	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.104	0.389	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.08	3.49	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 3.490 ON APR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.180 AT 17 34 CST ON APR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 02 N
LONG 104 20 11 W
DRAINAGE AREA, 928 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	277	SEP	0
APR	1 010	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 290 dam³

GIRARD CREEK NEAR CORONACH - STATION NO. 11AE015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.278E	0.108	0.780	0.084	0.081	0.081	0.107	0.082	0.108	---	---	1
2	---	0.276A	0.098	0.508	0.086	0.082	0.072	0.124	0.078	0.108	---	---	2
3	---	0.288	0.102	0.394	0.093	0.081	0.079	0.121	0.080	0.116	---	---	3
4	---	0.288	0.122	0.337	0.085	0.071	0.068	0.097	0.071	0.102	---	---	4
5	---	0.294	0.123	0.282	0.082	0.075	0.065	0.118	0.081	0.105	---	---	5
6	---	0.318	0.112	0.187	0.084	0.073	0.073	0.100	0.080	0.108	---	---	6
7	---	0.315	0.112	0.121	0.093	0.070	0.073	0.096	0.086	0.109	---	---	7
8	---	0.348	0.092	0.118	0.081	0.085	0.066	0.088	0.081	0.100	---	---	8
9	---	0.342	0.085	0.110	0.101	0.073	0.061	0.093	0.100	0.108	---	---	9
10	---	0.393	0.088	0.103	0.083	0.068	0.057	0.095	0.108	0.104	---	---	10
11	---	0.332	0.091	0.098	0.084	0.092	0.061	0.089	0.110	0.103	---	---	11
12	---	0.322	0.088	0.095	0.071	0.086	0.061	0.093	0.101	0.089	---	---	12
13	---	0.285	0.091	0.089	0.072	0.080	0.060	0.105	0.112	0.102	---	---	13
14	---	0.205	0.087	0.081	0.080	0.074	0.052	0.108	0.115	0.082	---	---	14
15	---	0.169	0.086	0.102	0.079	0.076	0.046	0.132	0.114	0.111	---	---	15
16	---	0.158	0.083	0.090	0.077	0.080	0.051	0.113	0.117	0.114	---	---	16
17	---	0.149	0.102	0.100	0.078	0.068	0.047	0.098	0.114	0.105	---	---	17
18	---	0.148	0.106	0.110	0.078	0.075	0.066	0.086	0.088	0.084	---	---	18
19	---	0.153	0.105	0.100	0.078	0.078	0.063	0.088	0.083	0.105	---	---	19
20	---	0.183	0.109	0.089	0.072	0.085	0.084	0.077	0.084	0.084	---	---	20
21	---	0.176	0.114	0.084	0.070	0.089	0.063	0.078	0.081	0.088	---	---	21
22	---	0.180	0.121	0.085	0.071	0.101	0.056	0.074	0.084	0.084	---	---	22
23	---	0.149	0.122	0.092	0.074	0.092	0.064	0.063	0.081	0.115	---	---	23
24	---	0.145	0.123	0.086	0.081	0.086	0.055	0.062	0.082	0.104	---	---	24
25	---	0.135	0.127	0.083	0.081	0.083	0.052	0.083	0.083	0.098	---	---	25
26	---	0.127	0.143	0.088	0.087	0.086	0.052	0.070	0.088	0.081	---	---	26
27	---	0.130	0.230	0.089	0.084	0.080	0.057	0.068	0.107	0.087	---	---	27
28	---	0.120	0.382	0.085	0.084	0.054	0.056	0.062	0.116	0.095A	---	---	28
29	---		0.586	0.084	0.078	0.080	0.061	0.052	0.120	0.095E	---	---	29
30	---		0.328	0.085	0.078	0.081	0.175	0.071	0.120	0.095E	---	---	30
31	---		0.523		0.087		0.156	0.070		0.095E		---	31
TOTAL	---	5.425	4.829	4.802	2.581	2.445	2.188	2.850	2.947	3.142	---	---	TOTAL
MEAN	---	0.229	0.156	0.160	0.083	0.082	0.070	0.092	0.098	0.101	---	---	MEAN
MAX	---	0.383	0.586	0.780	0.101	0.101	0.175	0.197	0.120	0.116	---	---	MAX
MIN	---	0.120	0.083	0.084	0.070	0.054	0.046	0.052	0.071	0.084	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.118
MAXIMUM DAILY, 0.780 ON APR 1
MINIMUM DAILY, 0.046 ON JUL 15
MAXIMUM INSTANTANEOUS,
1.25 AT 13 36 CST ON APR 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 45 N
LONG 105 33 52 W
DRAINAGE AREA, 880 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	187
FEB	555	AUG	246
MAR	417	SEP	265
APR	415	OCT	271
MAY	221	NOV	---
JUN	211	DEC	---

TOTAL DISCHARGE, 2 780 dam³

GOOD SPIRIT LAKE NEAR CANORA - STATION NO. 05MB010

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	485.028	---	484.916	---	---	484.805	---	---	4
5	---	---	---	---	---	484.992	---	484.983	---	---	---	---	5
					---	484.184	---	---	484.874	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	484.970	---	---	---	---	---	7
8	---	---	---	---	485.030	---	---	484.983	---	---	---	---	8
9	---	---	---	---	---	---	484.978	---	---	---	---	---	9
10	---	---	---	---	---	484.978	---	---	484.855	---	---	---	10
					---	---	---	---	---	---	---	---	
11	---	---	---	---	485.018	---	---	---	---	484.802	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	484.974	484.955	484.849	---	---	---	13
14	---	---	---	---	485.009	484.982	---	---	---	484.788	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	484.988	484.937	---	---	---	---	17
18	---	---	---	---	---	484.958	---	---	---	---	---	---	18
19	---	---	---	---	484.992	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	484.927	484.848	---	---	---	20
21	---	---	---	---	---	---	484.984	---	---	484.788	---	---	21
22	---	---	---	---	484.985	484.950	---	---	484.844	---	---	484.780	22
23	---	---	---	---	---	---	---	484.913	---	---	---	---	23
24	---	---	---	---	---	---	---	---	484.842	---	---	---	24
25	---	---	---	---	---	---	---	484.901	---	484.783	---	---	25
26	---	---	---	---	484.971	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	484.787	---	---	27
28	---	---	---	---	---	---	484.972	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	485.035	---	---	---	---	---	---	---	---	30
31	---		---	---	484.981	484.936	---	---	---	---	---	---	31
					---		484.975	484.890		484.778			
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 30 08 N
LONG 102 39 22 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE OUTLET CHANNEL WAS DREDGED BY DUCKS UNLIMITED IN 1987

GOOSEHUNTING CREEK NEAR BEATTY - STATION NO. 05KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	08	0 B	0.020	0	0	0	0	0	---	---	1
2	---	---	08	0 B	0.012	0	0	0	0	0	---	---	2
3	---	---	08	0 B	0.008	0	0	0	0	0	---	---	3
4	---	---	08	0 B	0.007	0	0	0	0	0	---	---	4
5	---	---	08	0 B	0.004	0	0	0	0	0	---	---	5
6	---	---	08	0.1848	0.001	0	0	0	0	0	---	---	6
7	---	---	08	2.02 B	0	0	0	0	0	0	---	---	7
8	---	---	08	6.13	0	0	0	0	0	0	---	---	8
9	---	---	08	5.50	0	0	0	0	0	0	---	---	9
10	---	---	08	3.76	0	0	0	0	0	0	---	---	10
11	---	---	08	3.43	0	0	0	0	0	0	---	---	11
12	---	---	08	3.13	0	0	0	0	0	0	---	---	12
13	---	---	08	3.88	0	0	0	0	0	0	---	---	13
14	---	---	08	2.44	0	0	0	0	0	0	---	---	14
15	---	---	08	1.82	0	0	0	0	0	0	---	---	15
16	---	---	08	1.67	0	0	0	0	0	0	---	---	16
17	---	---	08	1.54	0	0	0	0	0	0	---	---	17
18	---	---	08	1.47	0	0	0	0	0	0	---	---	18
19	---	---	08	1.05	0	0	0	0	0	0	---	---	19
20	---	---	08	0.887	0	0	0	0	0	0	---	---	20
21	---	---	08	0.681	0	0	0	0	0	0	---	---	21
22	---	---	08	0.316	0	0	0	0	0	0	---	---	22
23	---	---	08	0.228	0	0	0	0	0	0	---	---	23
24	---	---	08	0.162	0	0	0	0	0	0	---	---	24
25	---	---	08	0.122	0	0	0	0	0	0	---	---	25
26	---	---	08	0.075	0	0	0	0	0	0	---	---	26
27	---	---	08	0.064	0	0	0	0	0	0	---	---	27
28	---	---	08	0.064	0	0	0	0	0	0	---	---	28
29	---		08	0.064	0	0	0	0	0	0	---	---	29
30	---		08	0.055	0	0	0	0	0	0	---	---	30
31	---		08	0.034	0	0	0	0	0	0A	---	---	31
			08		0		0	0	0	0E	---	---	
TOTAL	---	---	0	40.584	0.052	0	0	0	0	0E	---	---	TOTAL
MEAN	---	---	0	1.35	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	6.13	0.020	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.188
MAXIMUM DAILY, 6.13 ON APR 6
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
6.41 AT 13 58 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 28 N
LONG 104 50 18 W
DRAINAGE AREA, 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	3 510	OCT	0
MAY	4 49	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 510 dam³

GREASE RIVER BELOW FONTAINE LAKE - STATION NO. 07LE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.6	22.6	21.6	20.7	23.4A	40.8E	35.8E	27.7	19.8	17.9	16.2	16.8	1
2	25.6	22.7	21.5	20.6	24.6A	40.9E	35.2E	27.2	19.8	17.7	16.2	16.8	2
3	25.6	22.6	21.5	20.6	25.9	40.9E	34.7E	26.6	19.7	17.8	16.3	16.8	3
4	25.5	22.6	21.5	20.4	25.7	41.0E	34.3E	26.3	19.7	17.7	16.2	16.8	4
5	25.3	22.6	21.6	20.6	27.4	40.9E	34.0E	25.9	19.6	17.6	16.1	17.3	5
6	25.2	22.9	21.6	20.7	28.0	40.9E	33.7E	25.5	19.7	17.4	15.9	17.6	6
7	25.2	22.9	21.7	20.9	28.4	40.8E	33.6E	25.6	19.8	17.2	15.8	17.9	7
8	25.0	22.8	21.7	20.6	29.4	40.9E	33.4E	25.9	19.6	17.0	15.8	18.1	8
9	25.0	22.7	21.5	20.5	29.9	40.9E	33.1E	25.8	19.5	16.7	15.7	18.1	9
10	25.0	22.8	21.4	20.3	30.6	41.0E	33.0E	25.5	19.3	16.8	15.8	18.0	10
11	24.9	22.8	21.5	20.4	31.4	40.9E	32.9E	25.1	19.1	16.5	15.8	18.0	11
12	24.8	22.6	21.2	20.6	32.1	41.1A	32.7E	24.8	19.0	16.5	15.1	18.0	12
13	24.8	22.5	21.0	20.6	33.1	41.6A	32.5E	24.5	18.9	16.6	16.0	18.1	13
14	24.5	22.4	20.8	20.8	33.7	41.8E	32.3A	24.2	19.0	16.5	16.0	18.1	14
15	24.3	22.5	20.8	20.7	35.3	41.4E	32.4	23.6	18.9	16.3	16.0	18.1	15
16	24.3	22.4	20.8	20.8	36.4	40.7E	32.3	23.4	18.8	16.3	16.1	18.0	16
17	24.3	22.3	20.8	20.7	37.1	40.2E	32.0	23.1	18.9	16.5	16.0	18.0	17
18	23.9	22.4	20.8	20.8	37.9	39.8E	31.4	22.8	18.7	16.5	16.1	18.1	18
19	23.7	22.4	21.0	20.8	38.4	38.3E	31.1	22.4	18.7	16.4	16.1	18.2	19
20	23.6	22.3	21.0	20.8	38.5	38.8E	31.0	22.3	18.5	16.2	16.1	18.2	20
21	23.5	22.3	21.0	20.7	38.8	38.5E	30.5	22.0	18.8	16.1	16.3	18.2	21
22	23.7	22.3	21.1	20.7	39.4	38.2E	30.1	21.8	18.7	16.2	16.4	18.1	22
23	22.9	22.2	20.9	20.8	39.7	37.9E	29.7	21.5	18.7	16.1	16.3	18.1	23
24	22.6	22.1	20.8	20.6	39.9	37.7E	29.4	21.3	18.4	16.0	16.3	18.1	24
25	22.5	21.9	20.9	20.8	40.4	37.5E	29.0	21.2	18.4	16.1	16.5	18.1	25
26	22.3	21.9	20.9	20.8	40.6	37.2E	28.5	21.0	18.4	16.2	16.6	18.2	26
27	22.0	21.8	20.7	21.1	40.6	38.6E	28.4	20.9	18.2	16.0	16.7	18.3	27
28	21.8	21.7	20.8	21.5A	40.8	38.6E	28.3	20.7	18.1	16.0	16.8	18.3	28
29	21.8		20.8	22.1A	41.0A	38.3E	28.0	20.7	18.0	16.2	16.8	18.3	29
30	22.0		20.7	22.6	41.0E	35.9E	28.2	20.4	17.9	16.2	16.7	18.2	30
31	22.3		20.7		40.9E		28.0	20.3		16.1		18.2	31
TOTAL	743.4	638.6	653.7	623.0	1 071.4	1 187.3	979.3	730.2	568.4	515.1	485.7	555.1	TOTAL
MEAN	24.0	22.5	21.1	20.6	34.6	39.6	31.6	23.6	18.9	16.6	16.2	17.9	MEAN
MAX	25.6	22.9	21.7	22.6	41.0	41.6	35.6	27.7	19.8	17.9	16.8	18.3	MAX
MIN	21.8	21.7	20.6	20.3	23.4	35.9	28.0	20.3	17.9	15.7	15.8	16.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.8
MAXIMUM DAILY, 41.6E ON JUN 14
MINIMUM DAILY, 15.7 ON NOV 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 32 50 N
LONG 105 24 40 W
DRAINAGE AREA, 4 840 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	64 200	JUL	84 600
FEB	54 300	AUG	63 100
MAR	56 500	SEP	49 100
APR	53 800	OCT	44 500
MAY	92 600	NOV	42 000
JUN	103 000	DEC	48 000

TOTAL DISCHARGE, 758 000 dam³

GREENWATER LAKE NEAR CHELAN - STATION NO. 05LB011

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	933.046	932.975	---	932.903	---	---	---	---	1
2	---	---	---	---	---	932.978	932.930	932.902	932.820	---	---	---	2
3	---	---	---	---	---	933.004	932.923	932.892	932.819	---	---	---	3
4	---	---	---	---	933.041	933.003	932.936	932.881	932.818	---	---	---	4
5	---	---	---	---	933.038	932.984	932.936	---	932.815	---	---	---	5
6	---	---	---	---	933.033	932.984	932.955	932.880	---	---	---	---	6
7	---	---	---	---	933.031	932.980	---	932.875	---	---	---	---	7
8	---	---	---	---	933.023	932.969	932.945	932.867	---	---	---	---	8
9	---	---	---	---	933.023	932.962	932.944	932.867	---	---	---	---	9
10	---	---	---	---	933.021	932.960	---	---	---	---	---	---	10
11	---	---	---	---	932.984	932.960	932.944	932.863	---	---	---	---	11
12	---	---	---	---	---	---	932.937	932.858	---	---	---	---	12
13	---	---	---	---	---	932.973	932.927	932.852	---	---	---	---	13
14	---	---	---	---	---	932.972	932.917	---	---	---	---	---	14
15	---	---	---	---	---	932.969	932.917	---	---	---	---	---	15
16	---	---	---	---	---	932.965	932.945	932.853	932.785	---	---	---	16
17	---	---	---	---	---	---	932.929	932.850	---	---	---	---	17
18	---	---	---	---	---	---	932.928	932.849	---	---	---	---	18
19	---	---	---	---	---	932.948	932.925	932.849	---	---	---	---	19
20	---	---	---	---	---	932.942	---	932.848	---	---	---	---	20
21	---	---	---	---	932.985	932.936	932.912	---	---	---	---	---	21
22	---	---	---	933.045	932.980	932.934	932.922	932.837	---	---	---	---	22
23	---	---	---	933.048	932.985	932.930	932.922	932.837	---	---	---	---	23
24	---	---	---	933.048	---	---	932.921	932.833	---	---	---	---	24
25	---	---	---	---	932.972	932.920	932.925	---	---	---	---	---	25
26	---	---	---	---	932.972	932.906	932.925	---	---	---	---	---	26
27	---	---	---	933.053	932.980	932.906	932.920	932.832	---	---	---	---	27
28	---	---	---	933.056	932.979	932.906	---	---	---	---	---	---	28
29	---		---	933.053	932.980	---	---	932.834	---	---	---	---	29
30	---		---	933.048	932.980	---	932.904	932.827	932.781	---	---	---	30
31	---		---		932.980		932.903	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 28 44 N
LONG 103 31 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GREIC LAKE NEAR OBRINTOSH - STATION NO 05AF010

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	475.955	---	---	---	---	1
2	---	---	---	---	---	---	---	475.954	---	---	---	---	2
3	---	---	---	---	---	---	475.942	475.951	---	---	---	---	3
4	---	---	---	---	---	---	475.939	475.947	---	---	---	---	4
5	---	---	---	---	---	475.975	475.935	475.943	---	---	---	---	5
6	---	---	---	---	---	475.973	475.935	---	---	---	---	---	6
7	---	---	---	---	---	475.973	475.936	475.939	---	---	---	---	7
8	---	---	---	---	---	475.973	475.937	---	---	---	---	---	8
9	---	---	---	---	---	475.968	475.939	---	---	---	---	---	9
10	---	---	---	---	---	475.965	---	---	---	---	---	---	10
11	---	---	---	---	---	475.965	475.943	475.937	---	---	---	---	11
12	---	---	---	---	---	475.972	475.943	475.937	---	---	475.750	---	12
13	---	---	---	---	---	475.978	475.943	---	---	---	---	---	13
14	---	---	---	---	475.977	---	475.943	---	---	---	---	---	14
15	---	---	---	---	---	475.977	475.945	475.928	---	---	---	---	15
16	---	---	---	---	---	475.985	475.946	475.928	---	---	---	---	16
17	---	---	---	---	---	475.981	475.946	475.933	---	---	---	---	17
18	---	---	---	---	---	475.987	475.946	---	---	---	---	---	18
19	---	---	---	---	---	475.985	475.943	475.932	---	---	---	---	19
20	---	---	---	---	475.977	475.987	475.941	475.934	---	---	---	---	20
21	---	---	---	---	475.977	475.988	475.946	---	---	---	---	---	21
22	---	---	---	---	475.977	475.981	475.947	---	---	---	---	---	22
23	---	---	---	---	475.977	475.983	475.947	475.922	---	---	---	---	23
24	---	---	---	---	475.977	---	475.947	475.920	---	---	---	---	24
25	---	---	---	---	475.977	---	---	475.918	---	---	---	---	25
26	---	---	---	---	475.977	475.947	---	475.918	---	---	---	---	26
27	---	---	---	---	475.977	475.945	475.943	475.932	---	---	---	---	27
28	---	---	---	---	475.977	475.943	475.941	475.917	---	---	---	---	28
29	---	---	---	---	---	475.938	475.935	475.918	---	---	---	---	29
30	---	---	---	---	---	475.937	475.957	---	---	---	---	---	30
31	---	---	---	---	---	475.943	475.956	475.918	---	---	---	---	31
MEAN	---	---	---	---	475.977		475.955	475.915		---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 475.978 ON JUN 12

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 10 N
LONG 108 41 38 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HAPPYLAND CREEK NEAR FOX VALLEY - STATION NO 05HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0B	0	---	---	---	---	---	---	---	1
2	---	0 B	0 B	0B	0	---	---	---	---	---	---	---	2
3	---	0 B	0 B	0B	0	---	---	---	---	---	---	---	3
4	---	0 B	0 B	0B	0	---	---	---	---	---	---	---	4
5	---	0 B	0.0018	0	0	---	---	---	---	---	---	---	5
6	---	0 B	0.0018	0	0	---	---	---	---	---	---	---	6
7	---	0 B	0.0018	0	0	---	---	---	---	---	---	---	7
8	---	0 0018	0 B	0	0	---	---	---	---	---	---	---	8
9	---	0 0028	0 B	0	0	---	---	---	---	---	---	---	9
10	---	0 0028	0 B	0	0	---	---	---	---	---	---	---	10
11	---	0 0028	0 B	0	0	---	---	---	---	---	---	---	11
12	---	0 0028	0 B	0	0	---	---	---	---	---	---	---	12
13	---	0 0018	0 B	0	0	---	---	---	---	---	---	---	13
14	---	0 0018	0 B	0	0	---	---	---	---	---	---	---	14
15	---	0 0018	0 B	0	0	---	---	---	---	---	---	---	15
16	---	0 B	0 B	0	0	---	---	---	---	---	---	---	16
17	---	0 B	0 B	0	0	---	---	---	---	---	---	---	17
18	---	0 B	0 B	0	0	---	---	---	---	---	---	---	18
19	---	0 0018	0 B	0	0	---	---	---	---	---	---	---	19
20	---	0 0018	0 B	0	0	---	---	---	---	---	---	---	20
21	---	0 0028	0 B	0	0	---	---	---	---	---	---	---	21
22	---	0 B	0 B	0	0	---	---	---	---	---	---	---	22
23	---	0 B	0 B	0	0	---	---	---	---	---	---	---	23
24	---	0 B	0 B	0	0	---	---	---	---	---	---	---	24
25	---	0 B	0 B	0	0	---	---	---	---	---	---	---	25
26	---	0 B	0 B	0	0	---	---	---	---	---	---	---	26
27	---	0 B	0 B	0	0	---	---	---	---	---	---	---	27
28	---	0 B	0 B	0	0	---	---	---	---	---	---	---	28
29	---		0 B	0	0	---	---	---	---	---	---	---	29
30	---		0 B	0	0	---	---	---	---	---	---	---	30
31	---		0 B	0	0	---	---	---	---	---	---	---	31
TOTAL	---	0.017	0.003	0	0	---	---	---	---	---	---	---	TOTAL
MEAN	---	0 001	0	0	0	---	---	---	---	---	---	---	MEAN
MAX	---	0 002	0.001	0	0	---	---	---	---	---	---	---	MAX
MIN	---	0	0	0	0	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 57 N
LONG 108 32 27 W
DRAINAGE AREA, 94.6 KM²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	1 67	AUG	---
MAR	0 28	SEP	---
APR	0	OCT	---
MAY	0	NOV	---
JUN	---	DEC	---

REMARKS - STATION DISCONTINUED MAY 6 1987

HARRIS RESERVOIR NEAR MAPLE CREEK - STATION NO 05HA074

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	854.850E	855.066	855.850	856.393	855.189	855.377	854.786	854.720	854.588	---	---	1
2	---	854.850E	855.070	855.998	856.385	856.149	855.316	854.743	854.715	854.581	---	---	2
3	---	854.850E	855.074	856.080	856.376	856.150	855.249	854.737	854.696	854.579	---	---	3
4	---	854.850E	855.089	856.178A	856.373	856.149	855.174	854.733	854.693	854.573	---	---	4
5	---	854.850E	855.160	856.252E	856.366	856.146	855.107	854.719	854.688	854.570	---	---	5
6	---	854.850E	855.234	856.279A	856.348	856.141	855.046	854.718	854.683	854.569	---	---	6
7	---	854.860E	855.281	856.304	856.333	856.135	855.001	854.718	854.677	854.565	---	---	7
8	---	854.880E	855.316	856.322	856.315	856.130	854.965	854.712	854.674	854.544	---	---	8
9	---	854.905E	855.329	856.327	856.298	856.123	854.920	854.710	854.668	854.539	---	---	9
10	---	854.931A	855.335	856.343	856.281	856.117	854.878	854.702	854.663	854.542	---	---	10
11	---	854.957	855.345	856.349	856.273	856.108	854.864	854.688	854.680	854.542	---	---	11
12	---	854.977	855.354	856.354	856.262	856.104	854.858	854.685	854.652	854.542	---	---	12
13	---	854.988	855.358	856.362	856.244	856.092	854.849	854.682	854.658	854.533	---	---	13
14	---	855.014	855.378	856.370	856.242	856.086	854.843	854.690	854.652	854.532	---	---	14
15	---	855.024	855.387	856.389	856.236	856.078	854.835	854.730	854.646	854.528	---	---	15
16	---	855.033	855.403	856.388	856.225	856.045	854.818	854.732	854.638	854.525	---	---	16
17	---	855.042	855.419	856.371	856.220	856.016	854.805	854.726	854.634	854.524	---	---	17
18	---	855.048	855.425	856.372	856.208	855.992	854.802	854.716	854.633	854.523	---	---	18
19	---	855.051	855.432	856.367	856.198	855.989	854.801	854.714	854.625	854.515	---	---	19
20	---	855.052	855.444	856.373	856.182	855.955	854.797A	854.708	854.624	854.519	---	---	20
21	---	855.054	855.447	856.377	856.181	855.948	854.796	854.700	854.631	854.512	---	---	21
22	---	855.056	855.468	856.371	856.176	855.925	854.794	854.700	854.618	854.509	---	---	22
23	---	855.057	855.475	856.386	856.174	855.896	854.794	854.700	854.618	854.510	---	---	23
24	---	855.057	855.481	856.371	856.171	855.833	854.790	854.720	854.613	854.518	---	---	24
25	---	855.080	855.488	856.375	856.189	855.768	854.782	854.733	854.580	854.507	---	---	25
26	---	855.084	855.480	856.374	856.171	855.707	854.782	854.733	854.585	854.508	---	---	26
27	---	855.088	855.491	856.375	856.178	855.641	854.780A	854.733	854.589	854.510A	---	---	27
28	---	855.084	855.488	856.381	856.178	855.573	854.781	854.728	854.583	854.510E	---	---	28
29	---		855.510	856.379	856.178	855.511	854.788	854.720	854.591	854.510E	---	---	29
30	---		855.522	856.384	856.174	855.445	854.782	854.720	854.589	854.505E	---	---	30
31	---		855.573		856.168		854.779	854.721		854.502E		---	31
MEAN	---	854.977	855.386	856.311	856.247	855.970	854.902	854.718	854.644	854.533	---	---	MEAN
MAX	---	855.088	855.573	856.384	856.393	856.189	855.377	854.788	854.720	854.588	---	---	MAX
MIN	---	854.850	855.066	855.850	856.168	855.445	854.779	854.682	854.588	854.502	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 856.393 ON MAY 1

MAXIMUM INSTANTANEOUS,
856.398 AT 17 44 CST ON APR 30

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 03 N
LONG 109 30 25 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
14.2 km²

MAULTAIN RIVER ABOVE NORBERT RIVER - STATION NO 06BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.988	8.148	8.518	8.448	50.0E	23.9	15.4	15.7	10.9	9.41	8.358	7.648	1
2	9.678	8.148	8.488	8.808	50.5E	23.9	15.4	15.8	10.9	9.18	8.008	7.638	2
3	9.588	8.148	8.518	8.598	51.0E	23.8	15.1	15.5	10.8	9.10	8.938	7.618	3
4	9.588	8.148	8.808	8.678	50.5E	23.7	14.7	15.5	10.6	9.06	8.438	7.578	4
5	9.638	8.118	8.648	8.718	50.0E	23.3	14.3	15.4	10.5	8.82	7.368	7.558	5
6	9.538	8.088	8.648	8.908	49.0E	23.0	13.9	15.5	10.7	8.79	7.948	7.608	6
7	9.488	8.048	8.648	9.408	48.0E	24.4	13.5	15.3	11.0	8.58	8.138	7.718	7
8	9.528	8.148	8.528	9.348	48.0E	24.9	13.4	15.3	11.2	8.90	7.988	7.748	8
9	9.508	8.228	8.408	9.328	44.0E	24.7	13.2	15.0	11.2	8.91	8.028	7.738	9
10	9.518	8.228	8.418	9.248	42.0E	24.2	12.7	14.6	11.2	8.93	8.068	7.568	10
11	9.528	8.218	8.318	8.758	40.0E	25.7	12.4	14.5	11.1	9.00	8.148	7.448	11
12	9.568	8.288	8.278	8.288	38.0E	26.5	12.0	14.4	11.0	9.08	8.258	7.348	12
13	9.478	8.278	8.348	8.048	36.0E	25.7	11.8	14.3	10.9	9.47	8.208	7.218	13
14	9.338	8.468	8.338	7.838	34.0E	24.9	11.9	14.1	10.8	9.75	8.108	7.078	14
15	9.158	8.608	8.278	7.438	32.7A	23.7	11.9	13.8	10.7	9.73	8.038	6.768	15
16	9.278	8.648	8.308	7.478	31.9	22.4	11.9	13.5	10.6	9.58	7.718	6.548	16
17	9.418	8.628	8.308	8.198	30.7	21.6	11.8	13.3	10.6	9.56	8.978	6.428	17
18	9.318	8.658	8.328	9.458	29.6	21.0	12.0	13.2	10.5	9.61	7.298	6.308	18
19	9.168	8.628	8.358	10.68	29.1	20.1	12.0	13.2	10.3	9.46	7.028	6.238	19
20	9.178	8.628	8.518	12.58	28.9	19.5	12.3	13.0	10.1	9.02	6.878	6.248	20
21	9.268	8.718	8.578	14.98	28.5	18.7	12.3	12.9	10.1	9.09	7.428	6.148	21
22	9.228	8.728	8.588	21.18	28.2	18.3	12.0	12.8	9.96	9.32	7.638	6.058	22
23	9.128	8.798	8.588	28.08	27.7	17.8	11.7	12.5	9.85	9.41	7.538	5.968	23
24	8.988	8.788	8.618	38.0E	27.0	17.3	11.8	12.3	9.92	9.148	7.528	5.798	24
25	8.848	8.788	8.648	40.0E	26.3	16.9	11.8	12.1	9.88	10.18	7.668	5.738	25
26	8.708	8.828	8.688	42.0E	25.7	16.3	11.7	11.9	9.88	9.528	7.768	5.698	26
27	8.568	8.718	8.288	44.0E	25.0	16.1	12.2	11.8	9.73	9.348	7.798	5.598	27
28	8.428	8.518	8.088	46.0E	24.9	15.8	13.4	11.5	9.54	7.808	7.818	5.408	28
29	8.278		8.378	48.0E	24.8	15.8	14.0	11.4	9.44	9.258	7.798	5.148	29
30	8.158		8.258	49.0E	24.3	15.4	14.4	11.2	9.36	9.318	7.748	4.978	30
31	8.118		8.358		24.0		15.3	11.1		9.428		4.818	31
TOTAL	284.95	236.18	261.88	566.79	1 098.3	839.0	402.0	422.2	313.38	285.75	236.44	205.20	TOTAL
MEAN	9.19	8.43	8.44	18.2	35.4	21.3	13.0	13.6	10.4	9.22	7.88	6.62	MEAN
MAX	9.98	8.82	8.88	49.0	51.0	26.5	15.4	15.8	11.2	10.1	9.36	7.78	MAX
MIN	8.11	8.04	8.09	7.43	24.0	15.4	11.8	11.1	9.36	7.80	6.87	4.81	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 13.5
MAXIMUM DAILY 51.0E ON MAY 3
MINIMUM DAILY 4.818 ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 14 40 N
LONG 106 33 40 W
DRAINAGE AREA 3 680 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 600	JUL	34 700
FEB	20 400	AUG	36 500
MAR	22 600	SEP	27 100
APR	47 200	OCT	24 700
MAY	94 900	NOV	20 400
JUN	55 200	DEC	17 700

TOTAL DISCHARGE, 428 000 dam³

MAY MEADOW CREEK NEAR LISIEUX - STATION NO. 11AE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0508	0.0328	2.86 B	0.041	0.046	0.014	0.025	0.016	0.022	---	---	1
2	---	0.0368	0.0288	1.23	0.048	0.039	0.012	0.031	0.016	0.023	---	---	2
3	---	0.0288	0.0348	0.724	0.094	0.030	0.011	0.039	0.014	0.024	---	---	3
4	---	0.0188	0.0528	0.492	0.088	0.021	0.011	0.039	0.013	0.024	---	---	4
5	---	0.0138	0.3228	0.384	0.047	0.015	0.010	0.032	0.013	0.022	---	---	5
6	---	0.0168	0.4218	0.304	0.045	0.013	0.013	0.027	0.013	0.022	---	---	6
7	---	0.1158	0.5128	0.221	0.049	0.008	0.012	0.024	0.015	0.020	---	---	7
8	---	0.2828	0.1768	0.177	0.045	0.006	0.012	0.020	0.015	0.017	---	---	8
9	---	0.2368	0.2288	0.148	0.038	0.007	0.012	0.018	0.016	0.017	---	---	9
10	---	0.2278	0.0708	0.112	0.030	0.011	0.013	0.017	0.018	0.017	---	---	10
11	---	0.3018	0.0408	0.084	0.025	0.012	0.013	0.017	0.017	0.016	---	---	11
12	---	0.2318	0.0408	0.100	0.021	0.011	0.013	0.018	0.017	0.017	---	---	12
13	---	0.2158	0.0458	0.084	0.019	0.008	0.011	0.018	0.018	0.017	---	---	13
14	---	0.1858	0.0858	0.072	0.017	0.008	0.010	0.022	0.015	0.017	---	---	14
15	---	0.1028	0.0518	0.085	0.015	0.005	0.009	0.025	0.015	0.019	---	---	15
16	---	0.0758	0.0538	0.088	0.015	0.006	0.008	0.026	0.017	0.021	---	---	16
17	---	0.0618	0.0838	0.058	0.015	0.009	0.011	0.028	0.020	0.022	---	---	17
18	---	0.0808	0.0628	0.058	0.016	0.007	0.034	0.026	0.020	0.022	---	---	18
19	---	0.0868	0.0678	0.062	0.017	0.008	0.043	0.025	0.018	0.024	---	---	19
20	---	0.0878	0.0738	0.087	0.015	0.013	0.034	0.024	0.017	0.024	---	---	20
21	---	0.0628	0.0778	0.082	0.014	0.012	0.032	0.024	0.017	0.024	---	---	21
22	---	0.0498	0.0728	0.058	0.011	0.014	0.041	0.025	0.018	0.025	---	---	22
23	---	0.0418	0.0688	0.056	0.013	0.015	0.050	0.024	0.018	0.027	---	---	23
24	---	0.0368	0.0698	0.063	0.023	0.012	0.053	0.023	0.018	0.026	---	---	24
25	---	0.0348	0.0798	0.084	0.024	0.010	0.048	0.024	0.017	0.027	---	---	25
26	---	0.0348	0.1278	0.051	0.022	0.008	0.037	0.025	0.018	0.029	---	---	26
27	---	0.0388	0.6878	0.048	0.031	0.007	0.029	0.025	0.020	0.028	---	---	27
28	---	0.0398	0.8298	0.041	0.048	0.012	0.024	0.021	0.024	0.027A	---	---	28
29	---		0.4308	0.041	0.050	0.014	0.026	0.018	0.024	0.027E	---	---	29
30	---		0.3148	0.039	0.052	0.015	0.027	0.017	0.021	0.027E	---	---	30
31	---		2.06 B		0.054		0.028	0.017		0.027E	---	---	31
TOTAL	---	2.759	7.233	7.908	1.023	0.389	0.700	0.744	0.514	0.701	---	---	TOTAL
MEAN	---	0.089	0.233	0.264	0.033	0.013	0.023	0.024	0.017	0.023	---	---	MEAN
MAX	---	0.301	2.06	2.86	0.094	0.046	0.053	0.039	0.024	0.029	---	---	MAX
MIN	---	0.013	0.029	0.039	0.011	0.005	0.008	0.016	0.013	0.018	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.061
MAXIMUM DAILY, 2.860 ON APR 1
MINIMUM DAILY, 0.005 ON JUN 15
MAXIMUM INSTANTANEOUS,
4.050 AT 23:52 CST ON MAR 31

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 16 13 N
LONG 105 56 22 W
DRAINAGE AREA, 166 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	80.5
FEB	238	AUG	64.3
MAR	625	SEP	44.4
APR	683	OCT	60.8
MAY	88.4	NOV	---
JUN	34.5	DEC	---

TOTAL DISCHARGE, 1 900 dam³

HUFF LAKE - STATION NO. 11AC083

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	815.262	815.781	815.752	815.115	815.024E	813.143	813.456A	813.473	---	---	1
2	---	---	815.244	815.808	815.780	815.115	815.021E	813.249	813.486	813.439	---	---	2
3	---	---	815.205	815.783	815.805	815.113	815.017E	813.306E	813.477	813.400	---	---	3
4	---	---	815.185	815.836	815.822	815.114	815.014E	813.307E	813.479	813.359	---	---	4
5	---	---	815.368	815.942	815.830	815.118	815.011E	813.285A	813.484	813.299	---	---	5
6	---	---	815.626	815.837	815.834	815.115	815.007E	813.272	813.445	813.246	---	---	6
7	---	---	815.898	815.733	815.831	815.105	815.003E	813.297	813.486	813.183	---	---	7
8	---	---	815.589A	815.781	815.815	815.090	815.007A	813.314	813.486	813.116A	---	---	8
9	---	---	815.417	815.807	815.788	815.078	815.014	813.317	813.483	813.016E	---	---	9
10	---	815.220A	815.481	815.748	815.795	815.092	815.002E	813.330	813.482	812.917A	---	---	10
11	---	815.314	815.479	815.722	815.742	815.083	814.987A	813.345	813.482	812.814	---	---	11
12	---	815.409	815.594A	815.740	815.715	815.092	814.981	813.350	813.483	812.705	---	---	12
13	---	815.494	815.676A	815.701	815.687	815.087	814.939	813.350	813.485	812.593A	---	---	13
14	---	815.580	815.819A	815.685	815.843	815.081	814.858	813.358	813.487	812.477E	---	---	14
15	---	815.683	815.409A	815.657	815.801	815.076	814.781	813.367	813.494	812.388E	---	---	15
16	---	815.788	815.355A	815.687	815.547	815.072	814.682	813.373	813.499	812.267E	---	---	16
17	---	815.838	815.381	815.728	815.485	815.071	814.561	813.382	813.499	812.231E	---	---	17
18	---	815.861	815.392	815.785	815.424	815.065	814.488	813.391	813.499	812.206E	---	---	18
19	---	815.857	815.388	815.827	815.387	815.065	814.427	813.394	813.498	812.180E	---	---	19
20	---	815.751	815.550	815.847	815.328	815.064	814.316	813.401	813.495	812.162E	---	---	20
21	---	815.628	815.732	815.838	815.28w	815.063A	814.183	813.401	813.491	812.198E	---	---	21
22	---	815.488	815.780	815.825	815.220	815.058E	814.080	813.404	813.490	812.242E	---	---	22
23	---	815.378	815.794	815.810	815.178	815.051E	813.957A	813.411	813.488	812.286E	---	---	23
24	---	815.358	815.810	815.803	815.142	815.047E	813.852A	813.419	813.484	812.332E	---	---	24
25	---	815.382	815.762	815.788	815.104	815.043E	813.740A	813.435	813.482	812.379E	---	---	25
26	---	815.361	815.701	815.762	815.095	815.041E	813.608A	813.449	813.482	812.426E	---	---	26
27	---	815.343	815.737	815.739E	815.092	815.039E	813.486A	813.458	813.473	812.472E	---	---	27
28	---	815.319	815.774	815.733E	815.098	815.038E	813.363A	813.458	813.484	812.492A	---	---	28
29	---		815.761	815.735E	815.098	815.032E	813.321	813.454A	813.476	812.454E	---	---	29
30	---		815.772	815.743A	815.097	815.028E	813.246	813.454E	813.483	812.386E	---	---	30
31	---		815.768		815.107		813.178	813.456E		812.340E	---	---	31
MEAN	---	---	815.585	815.772	815.486	815.075	814.423	813.385	813.484	812.660	---	---	MEAN
MAX	---	---	815.898	815.942	815.834	815.118	815.024	813.458	813.499	813.473	---	---	MAX
MIN	---	---	815.185	815.657	815.092	815.028	813.178	813.143	813.456	812.162	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 815.942 ON APR 5

MAXIMUM INSTANTANEOUS,
815.965 AT 10:20 CST ON MAR 7

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -000.054 m ADJUSTMENT TO CONVERT TO TOPOGRAPHIC SURVEY DATUM

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 16 N
LONG 107 53 07 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

HUFF LAKE GRAVITY CANAL - STATION NO. 11AC065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0.054	0	0	---	---	6
7	---	---	0	0	0.707	0	0	0.142	0	0	---	---	7
8	---	---	0	0	0.914	0	0	0.144	0	0	---	---	8
9	---	---	0	0	0.699	0	0	0.121	0	0	---	---	9
10	---	---	0	0	0.545	0	0	0	0	0	---	---	10
11	---	---	0	0	0.698	0	0	0	0	0	---	---	11
12	---	---	0	0	0.783	0	0.221	0	0	0	---	---	12
13	---	---	0	0	0.885	0	0.874	0	0	0	---	---	13
14	---	---	0	0	0.956	0	1.24	0	0	0	---	---	14
15	---	---	0	0	1.03	0	1.44	0	0	0	---	---	15
16	---	---	0	0	1.14	0	1.45	0	0	0	---	---	16
17	---	---	0	0	1.12	0	1.39	0	0	0	---	---	17
18	---	---	0	0	1.11	0	1.05	0	0	0	---	---	18
19	---	---	0	0	1.10	0	0.881	0	0	0	---	---	19
20	---	---	0	0	1.10	0	1.05	0	0	0	---	---	20
21	---	---	0	0	1.20	0	1.12	0	0	0	---	---	21
22	---	---	0	0	1.02	0	1.02	0	0	0	---	---	22
23	---	---	0	0	0.783	0	0.938	0	0	0	---	---	23
24	---	---	0	0	0.771	0	0.821	0	0	0	---	---	24
25	---	---	0	0	0.552	0	0.709	0	0	0	---	---	25
26	---	0	0	0	0.351	0	0.603	0	0	0	---	---	26
27	---	0	0	0	0.279	0	0.342	0	0	0	---	---	27
28	---	0	0	0	0.054	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	17.669	0	15.169	0.481	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.570	0	0.489	0.015	0	0	---	---	MEAN
MAX	---	---	0	0	1.20	0	1.45	0.144	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.137
MAXIMUM DAILY, 1.45 ON JUL 16
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 10 N
LONG 107 53 06 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 310
FEB	---	AUG	39.8
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 540	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 890 dam³

HUFF LAKE PUMPING CANAL - STATION NO. 11AC066

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.526	0	0.335	0	0	---	---	1
2	---	---	0	0	0	0.516	0	0.185	0	0	---	---	2
3	---	---	0	0	0	0.516	0	0.279	0	0	---	---	3
4	---	---	0	0	0	0.502	0	0.426	0	0	---	---	4
5	---	---	0	0	0	0.402	0	0.499	0	0	---	---	5
6	---	---	0	0	0.116	0.412	0	0.103	0	0	---	---	6
7	---	---	0	0	0.270	0.408	0	0	0	0	---	---	7
8	---	---	0	0	0.310	0.378	0	0	0	0	---	---	8
9	---	---	0	0	0.303	0.139	0	0	0	0	---	---	9
10	---	---	0	0	0.288	0	0	0	0	0	---	---	10
11	---	---	0	0	0.280	0	0	0	0	0	---	---	11
12	---	---	0	0	0.168	0	0	0	0	0	---	---	12
13	---	---	0	0	0.280	0	0	0	0	0	---	---	13
14	---	---	0	0	0.270	0	0	0	0	0	---	---	14
15	---	---	0	0	0.292	0	0	0	0	0	---	---	15
16	---	---	0	0	0.365	0	0	0	0	0	---	---	16
17	---	---	0	0	0.356	0	0.281	0	0	0	---	---	17
18	---	---	0	0	0.340	0	0.300	0	0	0	---	---	18
19	---	---	0	0	0.314	0	0.062	0	0	0	---	---	19
20	---	---	0	0	0.338	0	0.764	0	0	0	---	---	20
21	---	---	0	0	0.318	0	0.778	0	0	0	---	---	21
22	---	---	0	0	0.362	0	0.774	0	0	0	---	---	22
23	---	---	0	0	0.541	0	0.770	0	0	0	---	---	23
24	---	---	0	0	0.540	0	0.766	0	0	0	---	---	24
25	---	---	0	0	0.537	0	0.762	0	0	0	---	---	25
26	---	0	0	0	0.494	0	0.757	0	0	0	---	---	26
27	---	0	0	0	0.516	0	0.752	0	0	0	---	---	27
28	---	0	0	0	0.531	0	0.748	0	0	0A	---	---	28
29	---		0	0	0.513	0	0.721	0	0	0E	---	---	29
30	---		0	0	0.530	0	0.742	0	0	0E	---	---	30
31	---		0		0.530		0.740	0		0E		---	31
TOTAL	---	---	0	0	9.764	3.804	8.656	1.787	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.315	0.127	0.312	0.058	0	0	---	---	MEAN
MAX	---	---	0	0	0.541	0.529	0.764	0.499	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.102
MAXIMUM DAILY, 0.764 ON JUL 20
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 30 N
LONG 107 53 05 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	634
FEB	---	AUG	155
MAR	0	SEP	0
APR	0	OCT	0
MAY	844	NOV	---
JUN	329	DEC	---

TOTAL DISCHARGE, 2 160 dam³

HUNTER CREEK NEAR RICHARDSON - STATION NO 05JF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.152	0	0.079	0	0	0	0	---	---	1
2	---	---	0 B	0.138	0	0.054	0	0	0	0	---	---	2
3	---	---	0 B	0.099	0	0.031	0	0	0	0	---	---	3
4	---	---	0 B	0.110	0	0.017	0	0	0	0	---	---	4
5	---	---	0 B	0.072	0	0.008	0	0	0	0	---	---	5
6	---	---	0 B	0.069	0	0.011	0	0	0	0	---	---	6
7	---	---	0 B	0.052	0	0.008	0	0	0	0	---	---	7
8	---	---	0 B	0.036	0	0.001	0	0	0	0	---	---	8
9	---	---	0 B	0.032	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.022	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.016	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.012	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.008	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.005	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.004	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.003	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.002	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.002	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0.0028	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0.0088	0.015	0	0	0	0	0	0	---	---	21
22	---	---	0.0888	0.014	0	0	0	0	0	0	---	---	22
23	---	---	0.1058	0.010	0	0	0	0	0	0	---	---	23
24	---	---	0.3338	0.008	0	0	0	0	0	0	---	---	24
25	---	---	0.4048	0.006	0	0	0	0	0	0	---	---	25
26	---	---	0.448	0.005	0	0	0	0	0	0	---	---	26
27	---	---	0.492	0.004	0	0	0	0	0	0	---	---	27
28	---	---	0.184	0.003	1.49	0	0	0	0	0	---	---	28
29	---		0.071	0.002	0.997	0	0	0	0	0	---	---	27
30	---		0.082	0.001	0.162	0	0	0	0	0	---	---	28
31	---		0.154		0.088		0	0	0	0	---	---	29
TOTAL	---	---	2.380	0.906	2.735	0.210	0	0	0	0	---	---	30
MEAN	---	---	0.077	0.030	0.088	0.007							31
MAX	---	---	0.492	0.152	1.49	0.079	0	0	0	0	---	---	TOTAL
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MEAN
							0	0	0	0	---	---	MAX
													MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.025
MAXIMUM DAILY, 1.49 ON MAY 28
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.43 AT 20:23 CST ON MAY 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 33 15 N
LONG 104 27 39 W
DRAINAGE AREA, 135 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	206	SEP	0
APR	78.3	OCT	0
MAY	236	NOV	---
JUN	18.1	DEC	---

TOTAL DISCHARGE, 538 dam³

INDIANHEAD CREEK NEAR INDIAN HEAD - STATION NO. 05JL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.133	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.100	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.080	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.092	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.076	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.038	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.003	0	0	0	0	0	0	---	---	7
8	---	---	0.0078		0	0	0	0	0	0	---	---	8
9	---	---	0 B		0	0	0	0	0	0	---	---	9
10	---	---	0 B		0	0	0	0	0	0	---	---	10
11	---	---	0.0788	0									
12	---	---	0.0728	0	0	0	0	0	0	0	---	---	11
13	---	---	0.0148	0	0	0	0	0	0	0	---	---	12
14	---	---	0 B	0	0	0	0	0	0	0	---	---	13
15	---	---	0 B	0	0	0	0	0	0	0	---	---	14
16	---	---	0 B	0	0	0	0	0	0	0	---	---	15
17	---	---	0 B	0	0	0	0	0	0	0	---	---	16
18	---	---	0 B	0	0	0	0	0	0	0	---	---	17
19	---	---	0 B	0	0	0	0	0	0	0	---	---	18
20	---	---	0 B	0	0	0	0	0	0	0	---	---	19
21	---	---	0.1818	0									
22	---	---	1.34 B	0	0	0	0	0	0	0	---	---	20
23	---	---	1.73 B	0	0	0	0	0	0	0	---	---	21
24	---	---	1.63 B	0	0	0	0	0	0	0	---	---	22
25	---	---	1.34 B	0	0	0	0	0	0	0	---	---	23
26	---	---	0.934	0	0	0	0	0	0	0	---	---	24
27	---	---	0.517	0	0	0	0	0	0	0	---	---	25
28	---	---	0.367	0	0	0	0	0	0	0	---	---	26
29	---		0.188	0	0	0	0	0	0	0	---	---	27
30	---		0.150	0	0	0	0	0	0	0	---	---	28
31	---		0.128		0	0	0	0	0	0	---	---	29
TOTAL	---	---	8.442	0.519	0	0	0	0	0	0	---	---	30
MEAN	---	---	0.272	0.017	0	0	0	0	0				31
MAX	---	---	1.73	0.133	0	0	0	0	0	0	---	---	TOTAL
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
										0	---	---	MAX
													MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.037
MAXIMUM DAILY, 1.738 ON MAR 23
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.598 AT 23:23 CST ON MAR 23

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 42 N
LONG 103 36 14 W
DRAINAGE AREA, 327 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	729	SEP	0
APR	44.8	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 774 dam³

INVERNESS CREEK NEAR BRODERICK - STATION NO 05MG021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3118	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.2888	0	0	0	0	0	0	---	---	2
3	---	---	0.0018	0.200	0	0	0	0	0	0	---	---	3
4	---	---	0.0078	0.085	0	0	0	0	0	0	---	---	4
5	---	---	0.0058	0.027	0	0	0	0	0	0	---	---	5
6	---	---	0.0048	0.008	0	0	0	0	0	0	---	---	6
7	---	---	0.0038	0.004	0	0	0	0	0	0	---	---	7
8	---	---	0.0028	0.003	0	0	0	0	0	0	---	---	8
9	---	---	0.0028	0.002	0	0	0	0	0	0	---	---	9
10	---	---	0.0018	0.002	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0.0018	0	0	0	0	0	0	0	---	---	18
19	---	---	0.0228	0	0	0	0	0	0	0	---	---	19
20	---	---	0.0868	0	0	0	0	0	0	0	---	---	20
21	---	---	0.3198	0	0	0	0	0	0	0	---	---	21
22	---	---	0.3678	0	0	0	0	0	0	0	---	---	22
23	---	---	0.3178	0	0	0	0	0	0	0	---	---	23
24	---	---	0.2138	0	0	0	0	0	0	0	---	---	24
25	---	---	0.2838	0	0	0	0	0	0	0	---	---	25
26	---	---	0.4288	0	0	0	0	0	0	0	---	---	26
27	---	---	0.2508	0	0	0	0	0	0	0	---	---	27
28	---	---	0.1508	0	0	0	0	0	0	0	---	---	28
29	---		0.2008	0	0	0	0	0	0	0	---	---	29
30	---		0.3008	0	0	0	0	0	0	0	---	---	30
31	---		0.3948		0		0	0		0		---	31
TOTAL	---	---	3.365	0.921	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.108	0.031	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.428	0.311	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 017
MAXIMUM DAILY, 0 4288 ON MAR 26
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.4498 AT 16 30 CST ON MAR 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 30 18 N
LONG 108 48 18 W
DRAINAGE AREA, 81 4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	28 1	SEP	0
APR	79 8	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 371 dam³

IRONSPRING CREEK NEAR WATSON - STATION NO 05MA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0908	0.002	0.080	0.102	0	0	0	0.029	---	1
2	---	---	0 B	0.1958	0.002	0.053	0.096	0	0	0	0.015	---	2
3	---	---	0 B	1.94 B	0.004	0.035	0.081	0	0	0	0.008	---	3
4	---	---	0 B	3.83 B	0.006	0.023	0.034	0	0	0	0.005	---	4
5	---	---	0 B	5.49 B	0.004	0.021	0.043	0	0	0	0.003	---	5
6	---	---	0 B	4.10	0.002	0.017	0.031	0	0	0	0.002	---	6
7	---	---	0 B	2.83	0.001	0.014	0.021	0	0	0	0.002	---	7
8	---	---	0 B	1.69	0	0.013	0.023	0	0	0	0.001	---	8
9	---	---	0 B	1.06	0	0.011	0.028	0	0	0	0.001	---	9
10	---	---	0 B	0.835	0	0.011	0.030	0	0	0	0.001A	---	10
11	---	---	0 B	0.415	0	0.015	0.012	0	0	0	---	---	11
12	---	---	0 B	0.412	0.083	0.013	0.007	0	0	0	---	---	12
13	---	---	0 B	0.318	0.388	0.008	0.005	0	0	0	---	---	13
14	---	---	0 B	0.228	0.398	0.004	0.005	0	0	0	---	---	14
15	---	---	0 B	0.185	0.383	0.001	0.004	0	0	0	---	---	15
16	---	---	0 B	0.150	0.382	0	0.008	0	0	0	---	---	16
17	---	---	0 B	0.124	0.384	0	0.007	0	0	0	---	---	17
18	---	---	0 B	0.083	0.388	0	0.004	0.001	0	0	---	---	18
19	---	---	0 B	0.063	0.387	0.048	0.005	0.001	0	0	---	---	19
20	---	---	0 B	0.058	0.348	0.804	0.008	0.001	0	0	---	---	20
21	---	---	0 B	0.045	0.342	0.487	0.005	0	0	0	---	---	21
22	---	---	0 B	0.034	0.348	0.342	0.004	0	0	0	---	---	22
23	---	---	0 B	0.025	0.334	0.243	0.004	0	0	0	---	---	23
24	---	---	0.0238	0.030	0.338	0.152	0.003	0	0	0	---	---	24
25	---	---	0.0788	0.038	0.383	0.108	0.002	0	0	0	---	---	25
26	---	---	0.0338	0.026	0.347	0.078	0.001	0	0	0	---	---	26
27	---	---	0.0278	0.015	0.357	0.064	0	0	0	0	---	---	27
28	---	---	0 B	0.008	0.424	0.088	0	0	0	0	---	---	28
29	---		0 B	0.005	0.388	0.081	0	0	0	0.009	---	---	29
30	---		0 B	0.003	0.128	0.041	0	0	0	0.035	---	---	30
31	---		0 0.03		0.080		0	0		0.034		---	31
TOTAL	---	---	0.209	24.018	5.447	2.581	0.541	0.003	0	0.078	---	---	TOTAL
MEAN	---	---	0.007	0.801	0.208	0.085	0.017	0	0	0.003	---	---	MEAN
MAX	---	---	0.078	5.49	0.424	0.804	0.102	0.001	0	0.035	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 138
MAXIMUM DAILY, 5 498 ON APR 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.578 AT 16 52 CST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 03 25 N
LONG 104 29 58 W
DRAINAGE AREA, 588 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	46 7
FEB	---	AUG	0 26
MAR	18 1	SEP	0
APR	2 070	OCT	5 74
MAY	557	NOV	---
JUN	221	DEC	---

TOTAL DISCHARGE, 2 930 dam³

ISKWAO CREEK NEAR CRAIK - STATION NO 05JC014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.5058	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.7138	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.705	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.402	0	0	0	0	0	0	---	---	4
5	---	---	0.4839	0.284	0	0	0	0	0	0	---	---	5
6	---	---	0.5729	0.165	0	0	0	0	0	0	---	---	6
7	---	---	0.3418	0.097	0	0	0	0	0	0	---	---	7
8	---	---	0.1388	0.054	0	0	0	0	0	0	---	---	8
9	---	---	0.1038	0.036	0	0	0	0	0	0	---	---	9
10	---	---	0.1128	0.026	0	0	0	0	0	0	---	---	10
11	---	---	0.0898	0.023	0	0	0	0	0	0	---	---	11
12	---	---	0.0688	0.011	0	0	0	0	0	0	---	---	12
13	---	---	0.0498	0.002	0	0	0	0	0	0	---	---	13
14	---	---	0.0418	0	0	0	0	0	0	0	---	---	14
15	---	---	0.0288	0	0	0	0	0	0	0	---	---	15
16	---	---	0.0378	0	0	0	0	0	0	0	---	---	16
17	---	---	0.0328	0	0	0	0	0	0	0	---	---	17
18	---	---	0.0278	0	0	0	0	0	0	0	---	---	18
19	---	---	0.0248	0	0	0	0	0	0	0	---	---	19
20	---	---	0.0718	0	0	0	0	0	0	0	---	---	20
21	---	---	0.2008	0	0	0	0	0	0	0	---	---	21
22	---	---	0.1008	0	0	0	0	0	0	0	---	---	22
23	---	---	0.0728	0	0	0	0	0	0	0	---	---	23
24	---	---	0.0888	0	0	0	0	0	0	0	---	---	24
25	---	---	0.0708	0	0	0	0	0	0	0	---	---	25
26	---	---	0.1208	0	0	0	0	0	0	0	---	---	26
27	---	---	0.2098	0	0	0	0	0	0	0	---	---	27
28	---	---	0.2078	0	0	0	0	0	0	0	---	---	28
29	---		0.1458	0	0	0	0	0	0	0	---	---	29
30	---		0.2288	0	0	0	0	0	0	0	---	---	30
31	---		0.6418		0		0	0		0	---	---	31
TOTAL	---	---	4.500	3.105	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.145	0.104	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.641	0.713	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.031
MAXIMUM DAILY, 0.6418 ON MAR 31
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.178 AT 20:18 CST ON MAR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 44 N
LONG 105 57 34 W
DRAINAGE AREA, 381 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	388	SEP	0
APR	268	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 957 dam³

JACKFISH LAKE NEAR COCHIN - STATION NO. 05EG003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	529.487E	529.512	529.646	529.607	529.583	529.550	529.542	529.453	---	---	1
2	---	---	529.487A	529.515	529.657	529.590	529.549	529.541	529.534	529.452	---	---	2
3	---	---	529.493	529.518	529.677	529.602	529.548	529.536	529.529	529.483	---	---	3
4	---	---	529.498	529.514	529.676	529.607	529.561	529.540	529.538	529.438	---	---	4
5	---	---	529.500	529.518	529.671	529.584	529.583	529.551	529.534	529.447	---	---	5
6	---	---	529.498	529.517	529.683	529.583	529.579	529.562	529.533	529.444	---	---	6
7	---	---	529.487	529.530	529.682	529.583	529.574	529.561	529.527	529.442	---	---	7
8	---	---	529.501	529.534	529.677	529.586	529.574	529.558	529.526	529.424	---	---	8
9	---	---	529.500	529.542	529.671	529.586	529.583	529.559	529.529	529.434	---	---	9
10	---	---	529.503	529.553	529.667	529.600	529.579	529.571	529.535	529.428	---	---	10
11	---	---	529.508	529.554	529.671	529.618	529.580	529.570	529.534	529.437	---	---	11
12	---	---	529.499	529.586	529.654	529.615	529.580	529.571	529.526	529.430	---	---	12
13	---	---	529.501	529.576	529.658	529.607	529.577	529.572	529.522	529.418	---	---	13
14	---	---	529.502	529.582	529.659	529.606	529.574	529.570	529.523	529.427	---	---	14
15	---	---	529.508	529.590	529.660	529.598	529.573	529.566	529.518	529.422	---	---	15
16	---	---	529.505A	529.585	529.683	529.600	529.570	529.571	529.516	529.414	---	---	16
17	---	---	529.488A	529.604	529.654	529.591	529.565	529.572	529.513	529.409	---	---	17
18	---	---	529.498	529.609	529.640	529.583	529.559	529.572	529.507	529.401	---	---	18
19	---	---	529.505	529.618	529.639	529.590	529.561	529.569	529.507	529.395	---	---	19
20	---	---	529.511	529.625	529.645	529.584	529.559	529.561	529.497	529.400	---	---	20
21	---	---	529.515	529.632	529.640	529.586	529.586	529.553	529.500	529.401	---	---	21
22	---	---	529.516A	529.635	529.635	529.578	529.566	529.561	529.501	529.408	---	---	22
23	---	---	529.508A	529.639	529.642	529.573	529.566	529.559	529.486	529.408	---	---	23
24	---	---	529.511	529.644	529.644	529.547	529.575	529.554	529.474	529.403	---	---	24
25	---	---	529.510	529.648	529.643	529.552	529.573	529.556	529.477	529.410	---	---	25
26	---	---	529.511	529.651	529.641	529.555	529.568	529.558	529.472	529.399	---	---	26
27	---	---	529.510	529.656	529.638	529.548	529.572	529.553	529.487	529.412	---	---	27
28	---	---	529.515	529.661	529.641	529.552	529.566	529.550	529.487	529.412	---	---	28
29	---		529.517	529.650	529.637	529.580	529.562	529.539	529.484	529.417A	---	---	29
30	---		529.515	529.675	529.636	529.555	529.550	529.547	529.456	529.417E	---	---	30
31	---		529.518		529.632		529.558	529.546		529.417E		---	31
MEAN	---	---	529.505	529.589	529.654	529.586	529.569	529.556	529.508	529.422	---	---	MEAN
MAX	---	---	529.517	529.675	529.682	529.618	529.583	529.572	529.542	529.453	---	---	MAX
MIN	---	---	529.487	529.512	529.632	529.547	529.548	529.536	529.456	529.395	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 529.682 ON MAY 6

MAXIMUM INSTANTANEOUS,
529.738 AT 04:34 CST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 07 02 N
LONG 105 22 54 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET UP

JACKFISH RIVER NEAR PRINCE - STATION NO. 05EG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	---	---	---	---	---	---	---	---	1
2	---	---	0B	0B	---	---	---	---	---	---	---	---	2
3	---	---	0B	0B	---	---	---	---	---	---	---	---	3
4	---	---	0B	0B	---	---	---	---	---	---	---	---	4
5	---	---	0B	0B	---	---	---	---	---	---	---	---	5
6	---	---	0B	0B	---	---	---	---	---	---	---	---	6
7	---	---	0B	0B	---	---	---	---	---	---	---	---	7
8	---	---	0B	0B	---	---	---	---	---	---	---	---	8
9	---	---	0B	0B	---	---	---	---	---	---	---	---	9
10	---	---	0B	0B	---	---	---	---	---	---	---	---	10
11	---	---	0B	0B	---	---	---	---	---	---	---	---	11
12	---	---	0B	0B	---	---	---	---	---	---	---	---	12
13	---	---	0B	2B	---	---	---	---	---	---	---	---	13
14	---	---	0B	0B	---	---	---	---	---	---	---	---	14
15	---	---	0B	0B	---	---	---	---	---	---	---	---	15
16	---	---	0B	0B	---	---	---	---	---	---	---	---	16
17	---	---	0B	0B	---	---	---	---	---	---	---	---	17
18	---	---	0B	0B	---	---	---	---	---	---	---	---	18
19	---	---	0B	0B	---	---	---	---	---	---	---	---	19
20	---	---	0B	0B	---	---	---	---	---	---	---	---	20
21	---	---	0B	0B	---	---	---	---	---	---	---	---	21
22	---	---	0B	0E	---	---	---	---	---	---	---	---	22
23	---	---	0B	0E	---	---	---	---	---	---	---	---	23
24	---	---	0B	0E	---	---	---	---	---	---	---	---	24
25	---	---	0B	0E	---	---	---	---	---	---	---	---	25
26	---	---	0B	0E	---	---	---	---	---	---	---	---	26
27	---	---	0B	0E	---	---	---	---	---	---	---	---	27
28	---	---	0B	0E	---	---	---	---	---	---	---	---	28
29	---		0B	0	---	---	---	---	---	---	---	---	29
30	---		0B	0E	---	---	---	---	---	---	---	---	30
31	---		0B		---		---	---		---		---	31
TOTAL	---	---	0	0	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	0	0	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	0	0	---	---	---	---	---	---	---	---	MAX
MIN	---	---	0	0	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 01 14 N
LONG 105 21 55 W
DRAINAGE AREA, 3 330 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	0	SEP	---
APR	0	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - STATION DISCONTINUED ON APRIL 29, 1987

JAN LAKE NEAR THE HANSON LAKE ROAD - STATION NO. 05KG010

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	29.188	29.219	29.177	---	---	---	---	1
2	---	---	---	---	29.064	29.171	29.209	29.174	---	---	---	---	2
3	---	---	---	---	29.055	29.168	29.189	29.172	---	---	---	---	3
4	---	---	---	---	29.040	29.181	29.207	29.184	---	---	---	---	4
5	---	---	---	---	29.068	29.186	29.203	29.182	---	---	---	---	5
6	---	---	---	---	29.100	29.187	29.189	29.182	---	---	---	---	6
7	---	---	---	---	29.068	29.189	---	29.156	---	---	---	---	7
8	---	---	---	---	29.102	29.193	29.201	29.150	---	---	---	---	8
9	---	---	---	---	29.116	---	29.206	---	---	---	---	---	9
10	---	---	---	---	29.106	---	29.204	29.137	---	---	---	---	10
11	---	---	---	---	---	---	29.200	29.172	---	---	---	---	11
12	---	---	---	---	29.115	29.203	29.202	29.170	---	---	---	---	12
13	---	---	---	---	29.106	29.206	29.202	29.182	---	---	---	---	13
14	---	---	---	---	---	29.207	29.202	---	---	---	---	---	14
15	---	---	---	---	---	29.206	---	29.187	---	---	---	---	15
16	---	---	---	---	29.142	29.209	---	---	---	---	---	---	16
17	---	---	---	---	29.124	29.213	29.202	29.140	---	---	---	---	17
18	---	---	---	---	---	29.219	29.202	29.136	---	---	---	---	18
19	---	---	---	---	---	29.215	29.198	29.136	---	---	---	---	19
20	---	---	---	---	---	29.215	29.204	29.122	---	---	---	---	20
21	---	---	---	---	---	29.201	---	29.124	---	---	---	---	21
22	---	---	---	---	29.136	---	---	29.119	---	---	---	---	22
23	---	---	---	---	29.138	29.237	29.200	29.112	---	---	---	---	23
24	---	---	---	---	29.142	29.238	29.190	29.111	---	---	---	---	24
25	---	---	---	---	29.138	29.239	29.188	---	---	---	---	---	25
26	---	---	---	---	---	29.148	29.231	29.182	29.110	---	---	---	26
27	---	---	---	29.044	29.138	29.226	29.182	---	---	---	---	---	27
28	---	---	---	29.058	29.140	29.223	29.182	29.108	---	28.932	---	---	28
29	---		---	29.050	29.182	29.221	29.182	29.102	---	---	---	---	29
30	---		---	29.058	29.182	29.208	29.174	29.097	---	---	---	---	30
31	---		---		29.180		29.177	29.092		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.239 ON JUN 25

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 53 39 N
LONG 102 49 37 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

JEWEL CREEK NEAR GOODWATER - STATION NO. 05NB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.93 B	0.013	0.002	0	0	0	0	---	---	1
2	---	---	0 B	1.76 B	0.014	0.001	0	0	0	0	---	---	2
3	---	---	0 B	1.51 B	0.010	0.001	0	0	0	0	---	---	3
4	---	---	0.0018	1.27 B	0.011	0	0	0	0	0	---	---	4
5	---	---	0.0018	1.12 B	0.009	0	0	0	0	0	---	---	5
6	---	---	0.0018	0.8988	0.008	0	0	0	0	0	---	---	6
7	---	---	0.0028	0.857	0.006	0	0	0	0	0	---	---	7
8	---	---	0.0028	0.510	0.005	0	0	0	0	0	---	---	8
9	---	---	0.0038	0.419	0.005	0	0	0	0	0	---	---	9
10	---	---	0.0038	0.334	0.004	0	0	0	0	0	---	---	10
11	---	---	0.0048	0.264	0.003	0	0	0	0	0	---	---	11
12	---	---	0.0038	0.219	0.003	0	0	0	0	0	---	---	12
13	---	---	0.0038	0.173	0.002	0	0	0	0	0	---	---	13
14	---	---	0.0048	0.143	0.001	0	0	0	0	0	---	---	14
15	---	---	0.0038	0.125	0.001	0	0	0	0	0	---	---	15
16	---	---	0.0038	0.110	0	0	0	0	0	0	---	---	16
17	---	---	0.0048	0.093	0	0	0	0	0	0	---	---	17
18	---	---	0.0058	0.074	0	0	0	0	0	0	---	---	18
19	---	---	0.0058	0.065	0	0	0	0	0	0	---	---	19
20	---	---	0.0088	0.064	0.001	0	0	0	0	0	---	---	20
21	---	---	0.0748	0.058	0.001	0	0	0	0	0	---	---	21
22	---	---	0.3558	0.052	0	0	0	0	0	0	---	---	22
23	---	---	0.5678	0.046	0	0	0	0	0	0	---	---	23
24	---	---	0.7128	0.041	0	0	0	0	0	0	---	---	24
25	---	---	0.3808	0.032	0	0	0	0	0	0	---	---	25
26	---	---	0.2888	0.025	0	0	0	0	0	0	---	---	26
27	---	---	0.9528	0.025	0.001	0	0	0	0	0	---	---	27
28	---	---	1.80 B	0.024	0.003	0	0	0	0	0	---	---	28
29	---		3.34 B	0.018	0.003	0	0	0	0	0	---	---	29
30	---		2.71 B	0.013	0.002	0	0	0	0	0	---	---	30
31	---		2.36 B		0.002		0	0		0	---	---	31
TOTAL	---	---	12.405	12.090	0.108	0.004	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.400	0.403	0.003	0	0	0	0	0	---	---	MEAN
MAX	---	---	2.71	1.93	0.014	0.002	0	0	0	0	---	---	MAX
MIN	---	---	0	0.013	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.100
MAXIMUM DAILY, 2.71B ON MAR 30
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.828 AT 15:28 CST ON MAR 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 10 N
LONG 103 42 42 W
DRAINAGE AREA, 209 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 070	SEP	0
APR	1 040	OCT	0
MAY	9 33	NOV	---
JUN	0 35	DEC	---

TOTAL DISCHARGE, 2 120 dam³

JUMPING DEER CREEK NEAR LIPTON - STATION NO. 05JK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1948	0.004	0.001	0.002	0.003	0.004	0.003	---	---	1
2	---	---	0 B	0.2008	0.005	0.001	0.002	0.003	0.004	0.003	---	---	2
3	---	---	0 B	0.2508	0.003	0.001	0.002	0.003	0.003	0.003	---	---	3
4	---	---	0 B	0.3158	0.004	0.001	0.003	0.004	0.003	0.003	---	---	4
5	---	---	0 B	0.2898	0.005	0.001	0.003	0.003	0.002	0.005	---	---	5
6	---	---	0 B	0.237	0.005	0.001	0.003	0.003	0.002	0.004	---	---	6
7	---	---	0 B	0.240	0.004	0.001	0.003	0.003	0.002	0.005	---	---	7
8	---	---	0 B	0.157	0.003	0.001	0.003	0.004	0.001	0.004	---	---	8
9	---	---	0 B	0.108	0.003	0.001	0.003	0.005	0.001	0.005	---	---	9
10	---	---	0 B	0.080	0.003	0.001	0.003	0.004	0.001	0.005	---	---	10
11	---	---	0 B	0.082	0.004	0.001	0.003	0.003	0.001	0.004	---	---	11
12	---	---	0 B	0.080	0.004	0.001	0.003	0.003	0.001	0.004	---	---	12
13	---	---	0 B	0.060	0.004	0.001	0.003	0.003	0.001	0.004	---	---	13
14	---	---	0 B	0.040	0.004	0.001	0.003	0.003	0.001	0.003	---	---	14
15	---	---	0 B	0.032	0.004	0.001	0.003	0.003	0.001	0.003	---	---	15
16	---	---	0 B	0.047	0.004	0.001	0.003	0.004	0.001	0.003	---	---	16
17	---	---	0 B	0.037	0.004	0.001	0.003	0.004	0.001	0.003	---	---	17
18	---	---	0 B	0.029	0.003	0.001	0.003	0.003	0.001	0.004	---	---	18
19	---	---	0 B	0.024	0.006	0.001	0.003	0.003	0.001	0.004	---	---	19
20	---	---	0 B	0.024	0.002	0.001	0.003	0.003	0.001	0.004	---	---	20
21	---	---	0.0508	0.017	0.004	0.001	0.003	0.004	0.001	0.004	---	---	21
22	---	---	0.1008	0.014	0.003	0.001	0.003	0.008	0.001	0.004	---	---	22
23	---	---	0.4508	0.010	0.002	0.001	0.003	0.008	0.001	0.005	---	---	23
24	---	---	0.4158	0.008	0.002	0.001	0.003	0.008	0.001	0.004	---	---	24
25	---	---	0.3378	0.007	0.002	0.001	0.003	0.008	0.001	0.005	---	---	25
26	---	---	0.2208	0.006	0.002	0.001	0.003	0.008	0.001	0.005E	---	---	26
27	---	---	0.1808	0.005	0.002	0.001	0.003	0.008	0.001	0.005E	---	---	27
28	---	---	0.1608	0.004	0.002	0.001	0.003	0.009	0.001	0.004	---	---	28
29	---		0.1508	0.004	0.002	0.001	0.003	0.010	0.001	0.005A	---	---	29
30	---		0.1338	0.004	0.002	0.001	0.003	0.009	0.001	0.005E	---	---	30
31	---		0.1128	0.004	0.002	0.001	0.003E	0.007	0.001	0.005E	---	---	31
TOTAL	---	---	2.447	2.548	0.101	0.030	0.003A	0.005	0.043	0.126	---	---	TOTAL
MEAN	---	---	0.079	0.085	0.003	0.001	0.003	0.005	0.001	0.004	---	---	MEAN
MAX	---	---	0.450	0.315	0.006	0.001	0.003	0.010	0.004	0.008	---	---	MAX
MIN	---	---	0	0.004	0.002	0.001	0.002	0.003	0.001	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.023
MAXIMUM DAILY, 0.450B ON MAR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.460B AT 12:00 CST ON MAR 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 10 N
LONG 103 53 57 W
DRAINAGE AREA, 1 880 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 76
FEB	---	AUG	13 2
MAR	211	SEP	3 72
APR	220	OCT	11 1
MAY	8 73	NOV	---
JUN	2 59	DEC	---

TOTAL DISCHARGE, 478 dam³

JUNCTION RESERVOIR NEAR MAPLE CREEK - STATION NO. 05HA063

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	756.770E	757.004	757.308	757.283	756.875	756.792	756.230	756.262	756.206	---	---	1
2	---	756.771E	757.008	757.330	757.281	756.864	756.802	756.214	756.260	756.206	---	---	2
3	---	756.772E	757.016	757.383	757.278	756.878	756.813	756.208	756.268	756.199	---	---	3
4	---	756.773E	757.023	757.384	757.274	756.879	756.810	756.210	756.260	756.182	---	---	4
5	---	756.774E	757.035	757.389	757.244	756.881	756.815	756.198	756.261	756.182	---	---	5
6	---	756.775E	757.055	757.393	757.221	756.878	756.820	756.200	756.258	756.177	---	---	6
7	---	756.780E	757.072	757.439	757.195	756.873	756.822	756.202	756.264	756.178	---	---	7
8	---	756.790E	757.082	757.469	757.166	756.871	756.828	756.192	756.253	756.163	---	---	8
9	---	756.800E	757.112	757.471	757.133	756.870	756.819	756.193	756.252	756.154	---	---	9
10	---	756.815A	757.118	757.480	757.089	756.868	756.799	756.187	756.249	756.152	---	---	10
11	---	756.825	757.123	757.477	757.089	756.882	756.780	756.173	756.248	756.149	---	---	11
12	---	756.838	757.138	757.458	757.034	756.858	756.747	756.172	756.247	756.157	---	---	12
13	---	756.854	757.145	757.451	756.991	756.849	756.705	756.167	756.244	756.147	---	---	13
14	---	756.878	757.155A	757.431	756.969	756.844	756.666	756.180	756.238	756.146	---	---	14
15	---	756.869	757.158	757.409	756.942	756.836	756.620	756.213	756.238	756.139	---	---	15
16	---	756.906	757.186	757.387	756.908	756.823	756.589	756.228	756.229	756.145	---	---	16
17	---	756.921	757.185	757.361	756.896	756.816	756.521	756.229	756.228	756.138	---	---	17
18	---	756.933	757.191	757.336	756.878	756.813	756.460	756.229	756.234	756.141	---	---	18
19	---	756.945	757.194	757.303	756.849	756.808	756.452	756.232	756.238	756.134	---	---	19
20	---	756.955	757.208	757.288	756.837	756.807	756.419	756.234	756.235	756.142	---	---	20
21	---	756.963	757.214	757.284	756.831	756.803	756.393	756.221	756.232	756.134	---	---	21
22	---	756.965	757.229	757.273	756.829	756.784	756.368	756.219	756.230	756.137	---	---	22
23	---	756.970	757.246	757.272	756.822	756.784	756.354	756.223	756.227	756.141	---	---	23
24	---	756.977	757.262	757.269	756.811	756.776	756.335	756.238	756.223	756.150	---	---	24
25	---	756.983	757.275	757.272	756.788	756.775	756.318	756.265	756.228	756.135	---	---	25
26	---	756.990	757.278	757.275	756.808	756.777	756.280	756.277	756.217	756.136	---	---	26
27	---	756.993	757.283	757.281	756.818	756.773	756.269	756.282	756.207	756.142	---	---	27
28	---	757.000	757.297	757.279	756.835	756.769	756.251	756.279	756.210	756.143A	---	---	28
29	---		757.313	757.283	756.855	756.779	756.242	756.271	756.213	756.140E	---	---	29
30	---		757.324	757.279	756.871	756.786	756.233	756.276	756.212	756.140E	---	---	30
31	---		757.313		756.874		756.233	756.281		756.140E		---	31
MEAN	---	756.879	757.189	757.385	756.890	756.829	756.580	756.223	756.240	756.154	---	---	MEAN
MAX	---	757.000	757.324	757.480	757.283	756.881	756.838	756.282	756.282	756.208	---	---	MAX
MIN	---	756.770	757.004	757.288	756.799	756.769	756.233	756.187	756.207	756.134	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 757.480 ON APR 10

MAXIMUM INSTANTANEOUS,
757.503 AT 04 13 CST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 10 N
LONG 109 31 05 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
1 230 km²

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY -10.415 m ADJUSTMENT TO CONVERT TO RECLAMATION SERVICE OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

KATEPWA LAKE AT KATEPWA BEACH - STATION NO. 05JL004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	478.311	478.288	478.310	478.312	478.274	478.240	478.220	478.265	478.211	478.256	478.315	478.289	1
2	478.314	478.293	478.309	478.310	478.276	478.244	478.217	478.246	478.212	478.239	478.329	478.298	2
3	478.316	478.288	478.311	478.305	478.279	478.231	478.213	478.241	478.218	478.242	478.329	478.300	3
4	478.319	478.287	478.311	478.308	478.279	478.227	478.214	478.238	478.217	478.255	478.330	478.301	4
5	478.320	478.291	478.312	478.309	478.278	478.223	478.215	478.235	478.218	478.263	478.325	478.301	5
6	478.320	478.292	478.315	478.306	478.275	478.227	478.236	478.233	478.220	478.235	478.326	478.298	6
7	478.323	478.293	478.315	478.309	478.274	478.228	478.236	478.231	478.220	478.227	478.324	478.299	7
8	478.321	478.291	478.310	478.307	478.276	478.219	478.232	478.231	478.216	478.237	478.320	478.301	8
9	478.320	478.284	478.308	478.310	478.280	478.218	478.233	478.231	478.216	478.221	478.317	478.297	9
10	478.323	478.284	478.308	478.308	478.270	478.216	478.234	478.222	478.223	478.214	478.320	478.297	10
11	478.325	478.283	478.308	478.301	478.289	478.224	478.229	478.228	478.230	478.218	478.321	478.299	11
12	478.328	478.283	478.307	478.301	478.288	478.220	478.224	478.218	478.232	478.221	478.313	478.297	12
13	478.328	478.281	478.308	478.300	478.288	478.222	478.228	478.218	478.233	478.228	478.319	478.296	13
14	478.328	478.287	478.305	478.285	478.280	478.218	478.228	478.213	478.241	478.216	478.318	478.295	14
15	478.318	478.290	478.313	478.289	478.286	478.215	478.226	478.213	478.237	478.214	478.320	478.297	15
16	478.314	478.280	478.313	478.289	478.247	478.214	478.229	478.212	478.243	478.218	478.313	478.296	16
17	478.307	478.281	478.313	478.296	478.244	478.217	478.223	478.215	478.247	478.224	478.310	478.298	17
18	478.309	478.285	478.314	478.297	478.241	478.212	478.221	478.220	478.251	478.223	478.310	478.296	18
19	478.305	478.296	478.316	478.302	478.239	478.210	478.231	478.213	478.253	478.219	478.311	478.297	19
20	478.297	478.297	478.315	478.294	478.243	478.207	478.234	478.210	478.254	478.218	478.299	478.297	20
21	478.300	478.301	478.316	478.287	478.229	478.213	478.230	478.213	478.255	478.226	478.304	478.295	21
22	478.296	478.300	478.322	478.291	478.224	478.215	478.229	478.208	478.259	478.233	478.296	478.292	22
23	478.290	478.302	478.327	478.286	478.220	478.217	478.231	478.200	478.257	478.243	478.293	478.295	23
24	478.288	478.304	478.329	478.285	478.223	478.210	478.229	478.200	478.252	478.240	478.295	478.290	24
25	478.290	478.304	478.330	478.287	478.221	478.208	478.230	478.199	478.253	478.259	478.298	478.286	25
26	478.289	478.305	478.330	478.293	478.222	478.194	478.228	478.203	478.253	478.273	478.299	478.288	26
27	478.288	478.305	478.329	478.283	478.228	478.195	478.228	478.204	478.256	478.276	478.298	478.285	27
28	478.288	478.308	478.322	478.280	478.241	478.207	478.228	478.201	478.259	478.284	478.300	478.286	28
29	478.288		478.318	478.281	478.244	478.213	478.227	478.210	478.256	478.296	478.302	478.286	29
30	478.288		478.317	478.276	478.243	478.210	478.246	478.215	478.254	478.299	478.302	478.282	30
31	478.286		478.315		478.241		478.263	478.210		478.308		478.276	31
MEAN	478.308	478.295	478.315	478.298	478.252	478.217	478.228	478.219	478.238	478.242	478.312	478.294	MEAN
MAX	478.329	478.308	478.330	478.312	478.279	478.244	478.263	478.265	478.259	478.308	478.330	478.301	MAX
MIN	478.286	478.267	478.305	478.276	478.220	478.194	478.213	478.199	478.211	478.214	478.293	478.276	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 478.288
MAXIMUM DAILY, 478.330 ON MAR 25
MINIMUM DAILY, 478.194 ON JUN 26
MAXIMUM INSTANTANEOUS,
478.333 AT 21 38 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 34 N
LONG 103 37 15 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KEELEY RIVER AT OUTLET OF KEELEY LAKE - STATION NO 08HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.43	2.29	2.15	2.05	4.08	4.07	3.56	4.29	3.95	2.63	1.61	1.38	-
2	2.44	2.27	2.13	2.01	4.10	3.83	3.76	4.08	3.86	2.71	1.59	1.38	2
3	2.41	2.26	2.14	2.02	4.16	3.73	3.83	4.00	3.86	2.62	1.56	1.38	3
4	2.42	2.29	2.12	2.01	4.14	3.79	3.46	4.01	3.96	2.57	1.56	1.40	4
5	2.41	2.34	2.12	2.01	4.15	3.72	3.49	3.87	3.97	2.56	1.52	1.41	5
6	2.39	2.31	2.11	2.00	4.18	3.73	3.48	3.87	3.95	2.44	1.47	1.40	6
7	2.40	2.28	2.10	2.02	4.18	3.78	3.47	3.85	3.84	2.34	1.48	1.40	7
8	2.39	2.29	2.08	2.09	4.19	3.71	3.41	3.78	3.70	2.27	1.48	1.40	8
9	2.40	2.26	2.05	2.47	4.10	3.71	3.51	3.76	3.66	2.38	1.51	1.40	9
10	2.42	2.24	2.06	2.61	4.10	3.67	3.55	3.67	3.67	2.29	1.56	1.41	10
11	2.38	2.22	2.04	2.62	4.11	4.17	3.52	3.84	3.65	2.20	1.53	1.39	11
12	2.38	2.20	2.04	3.72	4.12	4.11	3.52	4.04	3.62	2.28	1.48	1.38	12
13	2.36	2.23	2.04	3.71	4.18	4.13	3.52	3.93	3.56	2.28	1.41	1.38	13
14	2.32	2.20	2.04	3.79	4.09	3.98	3.61	3.84	3.51	2.05	1.46	1.40	14
15	2.31	2.19	2.06	3.86	4.24	3.83	3.81	3.98	3.46	2.01	1.56	1.37	15
16	2.33	2.16	2.07	2.91	3.99	3.78	3.70	4.16	3.48	2.16	1.53	1.36	16
17	2.31	2.16	2.06	3.06	4.13	3.76	3.57	4.13	3.39	2.07	1.47	1.36	17
18	2.31	2.14	2.03	3.07	4.14	3.67	3.48	4.14	3.32	1.85	1.48	1.36	18
19	2.31	2.15	2.05	3.16	3.88	3.86	3.51	4.12	3.26	1.82	1.38	1.41	19
20	2.34	2.16	2.09	3.28	4.08	3.53	3.67	4.16	3.23	1.88	1.42	1.42	20
21	2.37	2.17	2.08	3.32	4.03	3.53	3.84	4.08	3.18	1.81	1.41	1.42	21
22	2.36	2.14	2.09	3.38	3.89	3.56	3.61	4.01	3.13	1.78	1.38	1.42	22
23	2.35	2.13	2.07	3.43	3.91	3.62	3.60	4.12	3.02	1.77	1.40	1.43	23
24	2.31	2.13	2.08	3.53	3.95	3.60	3.70	4.08	3.03	1.83	1.38	1.40	24
25	2.35	2.11	2.05	3.72	3.96	3.28	3.70	4.05	2.96	1.77	1.39	1.40	25
26	2.35	2.09	2.05	3.82	3.80	3.21	3.73	4.10	2.92	1.74	1.40	1.40	26
27	2.38	2.11	2.04	3.83	3.88	3.10	3.89	4.12	2.88	1.70	1.38	1.40	27
28	2.34	2.13	2.03	3.90	3.87	3.09	3.86	4.23	2.89	1.70	1.38	1.40	28
29	2.32		1.88	3.94	3.82	3.10	4.15	4.15	2.77	1.83	1.40	1.41	29
30	2.31		2.00	3.88	3.89	3.41	4.24	4.08	2.86	1.83	1.39	1.41	30
31	2.29		2.01		3.87		4.30	3.97		1.59		1.38	31
TOTAL	72.81	61.88	64.03	87.33	125.18	109.84	113.57	124.50	102.84	64.61	44.20	43.21	TOTAL
MEAN	2.35	2.20	2.07	2.91	4.04	3.66	3.66	4.02	3.42	2.08	1.47	1.39	MEAN
MAX	2.44	2.34	2.15	3.94	4.24	4.17	4.30	4.29	3.97	2.71	1.61	1.43	MAX
MIN	2.25	2.09	1.88	2.00	3.88	3.09	3.41	3.87	2.77	1.59	1.38	1.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 4.30 ON JUL 31
MINIMUM DAILY, 1.35 ON DEC 16
MAXIMUM INSTANTANEOUS,
4.58 AT 13:16 CST ON MAY 17

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 10 N
LONG 108 03 20 W
DRAINAGE AREA, 1 020 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 280	JUL	9 810
FEB	5 330	AUG	10 800
MAR	5 530	SEP	8 870
APR	7 550	OCT	5 570
MAY	10 800	NOV	3 820
JUN	9 490	DEC	3 730

TOTAL DISCHARGE, 87 690 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS A RESULT OF WIND SETUP ON KEELEY LAKE

KELSEY CREEK NEAR GARRICK - STATION NO 05KE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0E	0 E	0	0	0	0	0	0	---	---	1
2	---	---	0E	0 E	0	0	0	0	0	0	---	---	2
3	---	---	0E	0 E	0	0	0	0	0	0	---	---	3
4	---	---	0E	0 E	0	0	0	0	0	0	---	---	4
5	---	---	0E	0.0018	0	0	0	0	0	0	---	---	5
6	---	---	0E	0.0058	0	0	0	0	0	0	---	---	6
7	---	---	0E	0.041E	0	0	0	0	0	0	---	---	7
8	---	---	0E	2.20 E	0	0	0	0	0	0	---	---	8
9	---	---	0E	3.79	0	0	0	0	0	0	---	---	9
10	---	---	0E	2.35	0	0	0	0	0	0	---	---	10
11	---	---	0E	0.826	0	0	0	0	0	0	---	---	11
12	---	---	0E	0.210E	0	0	0	0	0	0	---	---	12
13	---	---	0E	0.114E	0	0	0	0	0	0	---	---	13
14	---	---	0E	0.114A	0	0	0	0	0	0	---	---	14
15	---	---	0E	0.135	0	0	0	0	0	0	---	---	15
16	---	---	0E	0.068	0	0	0	0	0	0	---	---	16
17	---	---	0E	0.146	0	0	0	0	0	0	---	---	17
18	---	---	0E	0.087	0	0	0	0	0	0	---	---	18
19	---	---	0E	0.057	0	0	0	0	0	0	---	---	19
20	---	---	0E	0.048	0	0	0	0	0	0	---	---	20
21	---	---	0E	0.024	0	0	0	0	0	0	---	---	21
22	---	---	0E	0.006	0	0	0	0	0	0	---	---	22
23	---	---	0E	0.007	0	0	0	0	0	0	---	---	23
24	---	---	0E	0.013	0	0	0	0	0	0	---	---	24
25	---	---	0E	0.011	0	0	0	0	0	0	---	---	25
26	---	---	0E	0.008	0	0	0	0	0	0	---	---	26
27	---	---	0E	0.009	0	0	0	0	0	0	---	---	27
28	---	---	0E	0.008	0	0	0	0	0	0	---	---	28
29	---	---	0E	0.008	0	0	0	0	0	0	---	---	29
30	---	---	0E	0.005	0	0	0	0	0	0	---	---	30
31	---	---	0E	0.002	0	0	0	0	0	0	---	---	31
TOTAL	---	---	0	10.303	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.343	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	3.79	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.042
MAXIMUM DAILY, 3.79 ON APR 8
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
4.60E AT 22:04 CST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 26 53 N
LONG 104 19 33 W
DRAINAGE AREA, 158 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	890	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 890 dam³

KENOSEE LAKE NEAR CARLYLE - STATION NO. 05ND009

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	738.236E	738.302A	738.332	738.253	738.173	738.158	738.031	737.969	---	---	1
2	---	---	738.236E	738.312E	738.330	738.247	738.162	738.152	738.026	737.967	---	---	2
3	---	---	738.236E	738.318E	738.330	738.240	738.161	738.143	738.023	737.962	---	---	3
4	---	---	738.236E	738.328E	738.331	738.234	738.157	738.138	738.018	737.959	---	---	4
5	---	---	738.237E	738.333E	738.326	738.230	738.153	738.136	738.016	737.951	---	---	5
6	---	---	738.237E	738.338E	738.320	738.232	738.158	738.128	738.014	737.949	---	---	6
7	---	---	738.237E	738.342E	738.317	738.226	738.158	738.126	738.009	737.947	---	---	7
8	---	---	738.238E	738.348E	738.313	738.221	738.151	738.124	738.004	737.944A	---	---	8
9	---	---	738.238E	738.361E	738.308	738.218	738.150	738.119	738.003	737.941E	---	---	9
10	---	---	738.239E	738.354E	738.300	738.215	738.151	738.114	738.001	737.939E	---	---	10
11	---	---	738.239E	738.366E	738.300	738.213	738.150	738.108	738.000	737.937E	---	---	11
12	---	---	738.240A	738.358E	738.295	738.208	738.148	738.101	738.000	737.934E	---	---	12
13	---	---	738.240E	738.358E	738.293	738.204	738.145	738.097	737.996	737.931E	---	---	13
14	---	---	738.241E	738.360E	738.286	738.194	738.143	738.092	737.993	737.929E	---	---	14
15	---	---	738.241E	738.361E	738.280	738.193	738.138	738.092	737.991	737.927E	---	---	15
16	---	---	738.241E	738.382A	738.277	738.188	738.134	738.088	737.989	737.925E	---	---	16
17	---	---	738.242E	738.361	738.272	738.199	738.130	738.086	738.003	737.921E	---	---	17
18	---	---	738.245E	738.382	738.269	738.196	738.139	738.082	737.999	737.917E	---	---	18
19	---	---	738.247E	738.384	738.268	738.191	738.158	738.078	737.997	737.916E	---	---	19
20	---	---	738.249E	738.385	738.260	738.188	738.154	738.074	737.996	737.916E	---	---	20
21	---	---	738.252E	738.387	738.254	738.189	738.149	738.070	737.993	737.915E	---	---	21
22	---	---	738.255E	738.383	738.252	738.186	738.146	738.067	737.990	737.914E	---	---	22
23	---	738.233A	738.258E	738.383	738.246	738.195	738.145	738.063	737.989	737.911E	---	---	23
24	---	738.234E	738.262E	738.381	738.244	738.188	738.141	738.058	737.982	737.909E	---	---	24
25	---	738.234E	738.266E	738.380	738.243	738.175	738.141	738.055	737.981	737.907E	---	---	25
26	---	738.235E	738.270E	738.395	738.244	738.187	738.137	738.054	737.977	737.905E	---	---	26
27	---	738.235E	738.276E	738.381	738.245	738.164	738.132	738.052	737.979	737.905A	---	---	27
28	---	738.235E	738.280E	738.343	738.248	738.174	738.132	738.051	737.986	737.905E	---	---	28
29	---	---	738.285E	738.343	738.248	738.181	738.128	738.045	737.981	737.905E	---	---	29
30	---	---	738.291E	738.335	738.249	738.178	738.156	738.040	737.978	737.905E	---	---	30
31	---	---	738.298E		738.247		738.182	738.037		737.905E		---	31
MEAN	---	---	738.251	738.349	738.282	738.203	738.148	738.091	737.998	737.928	---	---	MEAN
MAX	---	---	738.298	738.387	738.332	738.253	738.173	738.158	738.031	737.969	---	---	MAX
MIN	---	---	738.236	738.303	738.243	738.184	738.128	738.037	737.977	737.905	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 738.387 ON APR 21

MAXIMUM INSTANTANEOUS,
738.391 AT 14:30 CST ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 55 N
LONG 102 17 28 W

A - MANUAL GAUGE

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KIPABISKAU LAKE NEAR MCKAGUE - STATION NO. 05LA007

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	513.513	513.482	513.420	513.413	513.354	513.309	513.385	---	1
2	---	---	---	---	513.572	513.487	513.430	513.406	513.348	513.297	513.366	---	2
3	---	---	---	---	513.570	513.485	513.412	513.389	513.361	513.286	513.367	---	3
4	---	---	---	---	513.565	513.481	513.412	513.395	513.358	513.291	513.367	---	4
5	---	---	---	---	513.564	513.480	513.435	513.400	513.357	513.289	513.369	---	5
6	---	---	---	---	513.568	513.477	513.430	513.392	513.354	513.293	513.371	---	6
7	---	---	---	---	513.562	513.483	513.425	513.391	513.361	513.296	513.373	---	7
8	---	---	---	---	513.538	513.481	513.419	513.388	513.384	513.310	513.373	---	8
9	---	---	---	---	513.532	513.479	513.418	513.395	513.382	513.308	513.374	---	9
10	---	---	---	---	513.531	513.478	513.415	513.387	513.369	513.297	513.374	---	10
11	---	---	---	---	513.530	513.480	513.431	513.403	513.368	513.296	513.375	---	11
12	---	---	---	---	513.528	513.478	513.419	513.404	513.368	513.296	513.376	---	12
13	---	---	---	---	513.511	513.477	513.417	513.393	513.368	513.293	513.376	---	13
14	---	---	---	---	513.501	513.475	513.415	513.389	513.366	513.290	513.380	---	14
15	---	---	---	---	513.498	513.473	513.420	513.391	513.363	513.308	513.383	---	15
16	---	---	---	---	513.497	513.470	513.425	513.390	513.339	513.330	513.385	---	16
17	---	---	---	---	513.501	513.469	513.425	513.388	513.335	513.343	513.385	---	17
18	---	---	---	---	513.499	513.451	513.429	513.393	513.335	513.344	513.385	---	18
19	---	---	---	---	513.497	513.448	513.433	513.390	513.331	513.346	513.385	---	19
20	---	---	---	---	513.497	513.446	513.421	513.388	513.328	513.346	513.385	---	20
21	---	---	---	---	513.494	513.443	513.439	513.387	513.327	513.349	---	---	21
22	---	---	---	---	513.492	513.439	513.442	513.386	513.326	513.350	---	---	22
23	---	---	---	---	513.491	513.430	513.436	513.385	513.324	513.351	---	---	23
24	---	---	---	---	513.488	513.426	513.438	513.383	513.323	513.350	---	---	24
25	---	---	---	---	513.487	513.425	513.445	513.381	513.322	513.356	---	---	25
26	---	---	---	---	513.486	513.408	513.447	513.375	513.320	513.354	---	---	26
27	---	---	---	---	513.480	513.406	513.446	513.378	513.321	513.356	---	---	27
28	---	---	---	---	513.480	513.405	513.448	513.382	513.321	513.358	---	---	28
29	---	---	---	---	513.481	513.404	513.437	513.381	513.317	513.360	---	---	29
30	---	---	---	513.826	513.488	513.399	513.433	513.356	513.308	513.361	---	---	30
31	---	---	---	---	513.482		513.417	513.355		513.364		---	31
MEAN	---	---	---	---	513.516	513.456	513.428	513.388	513.338	513.325	---	---	MEAN
MAX	---	---	---	---	513.513	513.491	513.448	513.413	513.361	513.364	---	---	MAX
MIN	---	---	---	---	513.482	513.399	513.412	513.355	513.308	513.289	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MINIMUM DAILY, 513.289 ON OCT 5

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 34 16 N
LONG 104 11 04 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KNOX COULEE NEAR TUXFORD - STATION NO 05JC015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0488	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.0238	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.0108	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.006	0	0	0	0	0	0	---	---	4
5	---	---	0.0018	0.004	0	0	0	0	0	0	---	---	5
6	---	---	0.0018	0.003	0	0	0	0	0	0	---	---	6
7	---	---	0.0018	0.002	0	0	0	0	0	0	---	---	7
8	---	---	0.0018	0.002	0	0	0	0	0	0	---	---	8
9	---	---	0.0018	0.002	0	0	0	0	0	0	---	---	9
10	---	---	0.0018	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0.0028	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0.0028	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0.0028	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0.0028	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0.0028	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0.0038	0.001	0	0	0	0	0	0	---	---	16
17	---	---	0.0038	0.001	0	0	0	0	0	0	---	---	17
18	---	---	0.0028	0.001	0	0	0	0	0	0	---	---	18
19	---	---	0.0018	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0.0018	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0.0018	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0.0028	0	0	0	0	0	0	0	---	---	22
23	---	---	0.0028	0	0	0	0	0	0	0	---	---	23
24	---	---	0.0028	0	0	0	0	0	0	0	---	---	24
25	---	---	0.0138	0	0	0	0	0	0	0	---	---	25
26	---	---	0.0428	0	0	0	0	0	0	0	---	---	26
27	---	---	0.0638	0	0	0	0	0	0	0	---	---	27
28	---	---	0.0478	0	0	0	0	0	0	0	---	---	28
29	---		0.0248	0	0	0	0	0	0	0	---	---	29
30	---		0.0188	0	0	0	0	0	0	0	---	---	30
31	---		0.0478		0		0	0		0	---	---	31
TOTAL	---	---	0.287	0.112	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.009	0.004	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.063	0.048	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.0638 ON MAR 27
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.1018 AT 09:37 CST ON MAR 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 41 N
LONG 105 38 05 W
DRAINAGE AREA, 34.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	24.6	SEP	0
APR	9.68	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 34.5 dam³

KOHLESCHMIDT CREEK NEAR ROSTHERN - STATION NO. 05HH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.063	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.040	0	0	0	0	0	---	---	2
3	---	---	0B	2.28 B	0.026	0	0	0	0	0	---	---	3
4	---	---	0B	7.90 B	0.011	0	0	0	0	0	---	---	4
5	---	---	0B	6.76 B	0.003	0	0	0	0	0	---	---	5
6	---	---	0B	3.74	0	0	0	0	0	0	---	---	6
7	---	---	0B	2.40	0	0	0	0	0	0	---	---	7
8	---	---	0B	2.03	0.004	0	0	0	0	0	---	---	8
9	---	---	0B	1.61	0.003	0	0	0	0	0	---	---	9
10	---	---	0B	1.11 A	0	0	0	0	0	0	---	---	10
11	---	---	0B	0.831A	0	0	0	0	0	0	---	---	11
12	---	---	0B	0.781	0	0	0	0	0	0	---	---	12
13	---	---	0B	0.773	0	0	0	0	0	0	---	---	13
14	---	---	0B	0.648	0	0	0	0	0	0	---	---	14
15	---	---	0B	0.549	0	0	0	0	0	0	---	---	15
16	---	---	0B	0.512	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.452	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.405	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.344	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.303	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.284	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.236	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.211	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.174	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.152	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.141	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.127	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.132	0	0	0	0	0	0	---	---	28
29	---		0B	0.106	0	0	0	0	0	0	---	---	29
30	---		0B	0.088	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0	---	---	31
TOTAL	---	---	0	34.940	0.189	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.16	0.006	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	7.90	0.063	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.143
MAXIMUM DAILY, 7.90B ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
9.90B AT 13:51 CST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 44 50 N
LONG 106 22 05 W
DRAINAGE AREA, 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	3 020	OCT	0
MAY	13.7	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 030 dam³

LAC DES ILES NEAR GOODSOIL - STATION NO 05AF008

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	26.652	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	26.517	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 26 27 N
LONG 109 18 51 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAC LA RONGE AT LA RONGE - STATION NO 06CB001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	383.987	383.984	383.942	383.922	384.026	384.080	384.126	384.077	383.984	383.892	383.814	383.791	1
2	383.982	383.985	383.944	383.921	384.030	384.092	384.118	384.079	383.987	383.888	383.808	383.792	2
3	383.986	383.986	383.951	383.918	384.032	384.104	384.115	384.081	383.977	383.883	383.788	383.788	3
4	383.988	383.984	383.947	383.918	384.039	384.101	384.121	384.048	383.984	383.875	383.788	383.789	4
5	383.988	383.982	383.944	383.911	384.035	384.106	384.112	384.048	383.981	383.875	383.800	383.787	5
6	383.989	383.981	383.945	383.913	384.041	384.109	384.116	384.047	383.988	383.875	383.813	383.789	6
7	383.984	383.981	383.937	383.911	384.046	384.106	384.102	384.042	383.954	383.901	383.805	383.791	7
8	383.983	383.980	383.933	383.911	384.036	384.111	384.106	384.039	383.989	383.912	383.803	383.787	8
9	383.984	383.988	383.936	383.924	384.061	384.113	384.126	384.045	383.971	383.888	383.809	383.793	9
10	383.981	383.982	383.933	383.937	384.049	384.115	384.107	384.055	383.972	383.888	383.795	383.797	10
11	383.979	383.987	383.929	383.943	384.055	384.115	384.106	384.050	383.989	383.875	383.800	383.803	11
12	383.976	383.982	383.930	383.934	384.057	384.124	384.108	384.025	383.970	383.881	383.791	383.797	12
13	383.974	383.980	383.930	383.937	384.057	384.102	384.108	384.035	383.982	383.908	383.808	383.797	13
14	383.975	383.987	383.932	383.940	384.056	384.108	384.105	384.042	383.953	383.845	383.824	383.804	14
15	383.977	383.984	383.933	383.937	384.056	384.123	384.108	384.042	383.988	383.851	383.798	383.806	15
16	383.974	383.984	383.928	383.941	384.058	384.120	384.098	384.036	383.941	383.841	383.788	383.805	16
17	383.973	383.984	383.930	383.942	384.068	384.109	384.106	384.034	383.941	383.822	383.791	383.805	17
18	383.976	383.988	383.929	383.942	384.068	384.116	384.100	384.028	383.942	383.810	383.778	383.809	18
19	383.972	383.984	383.930	383.945	384.066	384.116	384.098	384.029	383.939	383.822	383.775	383.809	19
20	383.976	383.986	383.935	383.952	384.065	384.119	384.092	384.018	383.938	383.827	383.799	383.810	20
21	383.972	383.984	383.929	383.956	384.069	384.123	384.093	384.013	383.934	383.841	383.787	383.813	21
22	383.975	383.983	383.926	383.973	384.074	384.117	384.087	384.008	383.928	383.813	383.785	383.813	22
23	383.972	383.980	383.926	383.978	384.077	384.101	384.095	383.999	383.936	383.828	383.794	383.814	23
24	383.988	383.985	383.928	383.983	384.080	384.091	384.089	384.013	383.928	383.817	383.789	383.814	24
25	383.988	383.986	383.928	383.986	384.091	384.097	384.087	384.002	383.926	383.808	383.785	383.815	25
26	383.984	383.982	383.926	383.990	384.083	384.104	384.090	383.991	383.926	383.796	383.784	383.813	26
27	383.980	383.985	383.919	384.000	384.083	384.105	384.077	383.993	383.916	383.815	383.786	383.817	27
28	383.984	383.986	383.920	384.003	384.104	384.104	384.078	383.990	383.904	383.838	383.783	383.817	28
29	383.970		383.923	384.008	384.088	384.102	384.077	383.972	383.907	383.823	383.784	383.816	29
30	383.988		383.921	384.018	384.108	384.120	384.085	383.986	383.892	383.848	383.787	383.814	30
31	383.985		383.924		384.103		384.081	383.971		383.849		383.816	31
MEAN	383.978	383.986	383.932	383.950	384.066	384.108	384.100	384.027	383.949	383.847	383.794	383.804	MEAN
MAX	383.989	383.988	383.951	384.018	384.108	384.124	384.126	384.079	383.987	383.912	383.824	383.817	MAX
MIN	383.970	383.980	383.919	383.911	384.026	384.080	384.077	383.971	383.892	383.794	383.775	383.787	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 383.969
MAXIMUM DAILY 384.126 ON JUL 1
MINIMUM DAILY 383.775 ON NOV 19
MAXIMUM INSTANTANEOUS
384.172 AT 15 30 CST ON JUL 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 06 50 N
LONG 105 18 10 W

REGULATED SINCE 1966

DRAINAGE AREA
19 500 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

LAC PELLETIER NEAR VESPER - STATION NO 05MD028

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	829.101	829.083	829.018	---	---	828.831	828.753	---	---	1
2	---	---	---	829.109	829.078	---	828.926	---	828.831	---	---	---	2
3	---	---	---	829.107	829.078	829.006	---	828.879	---	---	---	---	3
4	---	---	---	829.107	---	829.004	828.918	828.875	828.809	828.739	828.699	---	4
5	---	---	---	829.109	829.074	---	828.914	---	---	---	---	---	5
6	---	---	828.056	829.111	---	---	---	---	---	---	828.705	---	6
7	---	---	---	829.111	---	---	---	828.883	---	---	---	---	7
8	---	---	---	---	829.072	---	828.904	---	---	828.725	---	---	8
9	---	---	---	---	---	828.995	---	828.883	828.795	---	828.703	---	9
10	---	---	828.057	---	---	---	828.898	---	---	---	---	---	10
11	---	---	829.057	829.107	---	---	828.880	828.853	828.795	828.723	---	---	11
12	---	---	829.057	829.107	---	828.984	---	---	---	---	828.701	---	12
13	---	---	---	---	829.048	---	828.888	828.835	---	---	---	---	13
14	---	---	829.078	829.108	---	828.982	---	---	---	---	828.705	---	14
15	---	---	---	---	---	---	828.868	828.835	828.793	828.717	828.705	---	15
16	---	---	829.078	---	829.038	828.978	---	---	---	828.705	828.705	---	16
17	---	828.806	---	---	---	---	828.880	828.847	828.793	828.703	---	---	17
18	---	---	829.077	---	829.034	828.988	---	---	---	---	828.709	---	18
19	---	---	828.081	---	---	---	---	828.845	---	---	---	---	19
20	---	---	---	---	829.028	828.986	828.888	---	828.789	---	---	---	20
21	---	---	829.083	---	829.010	---	---	---	---	---	828.707	---	21
22	---	---	828.091	---	---	---	---	828.833	---	---	---	---	22
23	---	---	---	---	---	828.946	828.877	---	---	---	---	---	23
24	---	828.982	829.087	---	---	828.944	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	828.831	828.785	---	---	---	25
26	---	---	829.087	829.094	---	---	828.873	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	829.021E	829.088	829.090	829.018	---	828.871	828.831	828.781	828.699	---	---	28
29	---	---	---	829.086	829.020	---	828.875	---	---	---	---	---	29
30	---	---	---	---	829.012	828.928	---	828.831	828.785	828.701	---	---	30
31	---	---	829.088	829.084E	829.014	828.927E	---	828.833	828.781	---	---	---	31
	---	---	829.100E		829.015E		828.893	828.832E	828.757	---	---	---	
MEAN	---	---	---	---	---	---	---	---	---	828.899	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 829.111 ON APR 6
MINIMUM DAILY, 828.889 ON OCT 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 00 35 N
LONG 107 58 00 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA NEAR CRACKINGSTONE POINT - STATION NO 07MC003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.694	208.577	208.485	208.407	208.900E	209.055	209.222	208.909	209.056	208.862E	208.629	208.387	1
2	208.703	208.582	208.455	208.402	208.820E	209.052	209.201	208.934	209.039	208.847E	208.629	208.385	2
3	208.688	208.573	208.459	208.404	208.840E	209.048	209.213	208.972	209.032	208.832	208.615	208.385	3
4	208.669	208.571	208.452	208.386	208.670E	209.046	209.220	208.986	209.025	208.820	208.589	208.400	4
5	208.664	208.576	208.451	208.389	208.700E	209.084	209.212	208.984	209.034	208.785A	208.571	208.404	5
6	208.681	208.571	208.452	208.401	208.740E	209.061	209.204	208.948	209.062	208.770A	208.536	208.385	6
7	208.683	208.588	208.453	208.404	208.790E	209.072	209.191	208.983	209.032	208.728	208.524	208.402	7
8	208.679	208.588	208.443	208.394	208.840E	209.080	209.187	208.978	209.007	208.775	208.525	208.422	8
9	208.670	208.583	208.441	208.408	208.890E	209.078	209.173	209.010	208.984	208.815	208.517	208.405	9
10	208.674	208.586	208.443	208.401E	208.930E	209.087	209.176	209.034	208.974	208.785	208.537	208.401	10
11	208.669	208.533	208.436	208.400E	208.960E	209.114	209.175	209.069	208.969	208.786	208.544	208.410	11
12	208.667	208.500	208.435	208.400E	208.980E	209.111	209.158	209.114	208.989	208.784	208.539	208.412	12
13	208.666	208.501	208.431	208.389E	208.984A	209.170	209.155	209.118	208.976	208.755	208.507	208.422	13
14	208.644	208.507	208.429	208.389E	208.986	209.187	209.148	209.123	208.980	208.750	208.498	208.415	14
15	208.641	208.503	208.434	208.400E	209.020	209.181	209.156	209.125	208.913	208.736	208.547	208.406	15
16	208.646	208.489	208.427	208.402E	209.021	209.157	209.089	209.111	208.967	208.752	208.518	208.407	16
17	208.626	208.496	208.418	208.405E	209.017	209.192	209.104	209.103	208.945	208.748	208.507	208.401	17
18	208.631	208.483	208.424	208.410E	209.026	209.183	209.107	209.106	208.938	208.716	208.503	208.402	18
19	208.633	208.483	208.430	208.420E	209.023	209.188	209.103	209.110	208.919	208.708	208.472	208.416	19
20	208.630	208.496	208.424	208.430E	209.034	209.183	209.083	209.110	208.919	208.702	208.458	208.419	20
21	208.630	208.493	208.432	208.440E	209.051	209.184	209.090	209.100	208.912	208.690	208.509	208.407	21
22	208.612	208.481	208.425	208.485E	209.054	209.196	209.085	209.125	208.885	208.678	208.443	208.407	22
23	208.604	208.475	208.415	208.470E	209.047	209.213	209.048	209.137	208.884	208.705	208.424	208.402	23
24	208.589	208.471	208.411	208.485E	209.047	209.209	209.038	209.125	208.880	208.693	208.421	208.403	24
25	208.601	208.466	208.408	208.530E	209.061	209.207	209.030	209.130	208.877	208.686	208.424	208.401	25
26	208.609	208.483	208.411	208.515E	209.043	209.212	209.025	209.109	208.879A	208.558	208.415	208.400	26
27	208.603	208.480	208.412	208.530E	209.036	209.212	209.040	209.109	208.874A	208.645	208.416	208.389	27
28	208.581	208.463	208.402	208.545E	209.044	209.210	209.023	209.088	208.876E	208.622	208.413	208.392	28
29	208.595		208.402	208.560E	209.046	209.200	209.010	209.086	208.879	208.620	208.408	208.390	29
30	208.588		208.404	208.580E	209.045	209.208	209.014	209.098	208.876	208.619	208.384	208.387	30
31	208.589		208.403		209.032		209.011	209.079		208.588		208.384	31
MEAN	208.643	208.518	208.430	208.439	208.936	209.144	209.119	209.063	208.852	208.730	208.501	208.403	MEAN
MAX	208.703	208.582	208.485	208.560	209.081	209.213	209.222	208.137	209.062	208.862	208.639	208.422	MAX
MIN	208.588	208.460	208.402	208.394	208.800	209.046	209.010	208.909	208.874	208.588	208.394	208.384	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MEAN 208.741
MAXIMUM DAILY, 209.222 ON JUL 1
MINIMUM DAILY, 208.384 ON DEC 31
MAXIMUM INSTANTANEOUS,
209.272 AT 16 23 CST ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 22 55 N
LONG 108 52 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

LAKE DIEFENBAKER AT GARDINER DAM - STATION NO. 05HP003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	554.672	553.412E	551.798	550.923	551.522E	552.471	552.741	553.254	553.859	554.282	553.773	553.134	1
2	554.653	553.349E	551.725	550.914	551.550E	552.474	552.751	553.278	553.895	554.274	553.764	553.106	2
3	554.614	553.287A	551.665	550.919	551.586E	552.482	552.775	553.281	553.941	554.264	553.760	553.049	3
4	554.595	553.236	551.609A	550.934	551.594E	552.473	552.791	553.321	553.908	554.228	553.745	553.020	4
5	554.559	553.180	551.583	550.948	551.594E	552.487	552.769	553.367	553.932	554.200	553.729	552.998	5
6	554.532	553.141A	551.547	550.980	551.594E	552.528	552.784	553.389	553.945	554.173	553.707	552.973	6
7	554.502	553.084	551.499	551.007	551.608E	552.529	552.787	553.411	553.960	554.150	553.673	552.948	7
8	554.470	552.987	551.442	551.015	551.615E	552.531	552.788	553.409	553.980	554.119	553.648	552.942	8
9	554.436	552.939	551.411	551.041	551.650E	552.542	552.782	553.413	553.982A	554.090	553.621	552.936	9
10	554.389	552.880	551.382	551.038	551.698E	552.564	552.771	553.434	554.008	554.081	553.615	552.930	10
11	554.375	552.821	551.338	551.076	551.743E	552.578	552.765	553.442	554.035	554.073	553.592	552.899	11
12	554.342	552.783E	551.301	551.122	551.808E	552.601	552.769	553.446	554.062	554.078	553.572	552.874	12
13	554.301	552.708E	551.269	551.155	551.818E	552.622	552.798	553.439	554.098	554.083	553.547	552.857	13
14	554.285	552.648E	551.255	551.200	551.838E	552.614	552.816	553.429	554.112	554.011	553.580	552.818	14
15	554.231	552.583A	551.241	551.241	551.887E	552.613	552.827	553.467	554.146	553.980	553.525	552.799	15
16	554.192	552.530A	551.210	551.282	551.898E	552.628	552.846	553.492	554.167	553.987	553.483	552.756	16
17	554.154	552.478E	551.184	551.298	551.938E	552.612	552.861	553.517	554.196	553.984	553.480	552.713	17
18	554.114	552.423E	551.158	551.310	552.000E	552.615	552.848	553.520	554.228	553.941	553.438	552.667	18
19	554.062	552.369E	551.139	551.340	552.007E	552.612	552.907	553.534	554.270	553.911	553.411	552.669	19
20	554.024	552.318E	551.124	551.364	552.022E	552.621	552.894	553.563	554.308	553.889	553.387	552.637	20
21	553.980	552.262E	551.088	551.382	552.061E	552.648	552.897	553.586	554.358	553.878	553.338	552.604	21
22	553.924	552.208E	551.078	551.372	552.112E	552.642	552.903	553.603	554.386	553.884	553.313	552.582	22
23	553.880	552.165E	551.068	551.371	552.162E	552.635E	552.931	553.636	554.400	553.866	553.288	552.523	23
24	553.825	552.101E	551.051	551.377	552.180E	552.651E	552.941	553.666	554.375	553.847	553.254	552.503	24
25	553.782	552.037A	551.038	551.381	552.198E	552.668E	552.942	553.702	554.365	553.839	553.224	552.483	25
26	553.734	551.994	551.030	551.405	552.237E	552.678E	552.988	553.738	554.356	553.828	553.208	552.480	26
27	553.681	551.928	550.988	551.438	552.285E	552.668E	553.000	553.787	554.323	553.823	553.188	552.429	27
28	553.611A	551.868	550.968	551.453	552.355	552.702E	553.027	553.787	554.315	553.812	553.175	552.412	28
29	553.575		550.958	551.484A	552.401	552.715	553.070	553.785	554.303	553.804	553.168	552.378	29
30	553.536		550.951	551.477E	552.424	552.729	553.126	553.815	554.309	553.790	553.149	552.315	30
31	553.474E		550.942		552.441		553.185	553.842		553.778		552.303	31
MEAN	554.145	552.831	551.280	551.208	551.929	552.589	552.874	553.527	554.151	553.988	553.477	552.735	MEAN
MAX	554.672	553.412	551.798	551.477	552.441	552.729	553.185	553.842	554.400	554.282	553.773	553.134	MAX
MIN	553.474	551.868	550.942	550.914	551.522	552.471	552.741	553.254	553.859	553.778	553.149	552.303	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 552.880
MAXIMUM DAILY, 554.672 ON JAN 1
MINIMUM DAILY, 550.914 ON APR 2
MAXIMUM INSTANTANEOUS,
554.690 AT 02:05 CST ON JAN 1

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 49 N
LONG 106 50 18 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1965

DRAINAGE AREA,
136 000 km²

LAKE DIEFENBAKER AT SASKATCHEWAN LANDING - STATION NO. 05HC004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	551.745E	550.901	551.526	552.368	552.884E	553.230E	553.824	554.268	---	---	1
2	---	---	551.885E	550.905	551.501	552.389	552.748E	553.245E	553.850E	554.247	---	---	2
3	---	---	551.861A	550.907	551.488	552.439	552.748E	553.260E	553.848E	554.213	---	---	3
4	---	---	551.818	550.925	551.522	552.512	552.702E	553.275E	553.858E	554.148	---	---	4
5	---	---	551.581	550.944	551.522	552.514	552.763E	553.288A	553.885E	554.152	---	---	5
6	---	---	551.833	550.973	551.552	552.494	552.742E	553.322	553.880E	554.155	---	---	6
7	---	---	551.522	550.978	551.582	552.547	552.753E	553.385	553.905E	554.153	---	---	7
8	---	---	551.458	550.977	551.617	552.582	552.770E	553.385	553.925E	554.082	---	---	8
9	---	---	551.418	550.948	551.680	552.581	552.741A	553.404	553.955E	554.085	---	---	9
10	---	---	551.372	551.018	551.702	552.586	552.749A	553.414	554.008A	554.045	---	---	10
11	---	---	551.348A	551.048	551.728	552.592	552.744A	553.375	554.027	554.046	---	---	11
12	---	---	551.305E	551.090	551.893	552.585	552.760E	553.414	554.080	554.037	---	---	12
13	---	---	551.275E	551.136	551.749	552.809	552.770A	553.442	554.078	553.987	---	---	13
14	---	---	551.250E	551.162	551.805	552.836	552.780E	553.479	554.103	554.041	---	---	14
15	---	---	551.229E	551.189	551.840	552.833	552.800E	553.488	554.121	553.993	---	---	15
16	---	---	551.205E	551.205	551.935	552.822E	552.805E	553.460	554.152	553.953	---	---	16
17	---	---	551.180E	551.286	551.930	552.828E	552.820A	553.484	554.178	553.911	---	---	17
18	---	---	551.155E	551.331	551.978	552.845E	552.869	553.492	554.225	553.894	---	---	18
19	---	---	551.135E	551.328	551.948	552.862E	552.808	553.513	554.264	553.884	---	---	19
20	---	---	551.110E	551.356	552.060	552.881E	552.832	553.535	554.307	553.882	---	---	20
21	---	---	551.090E	551.357	552.109	552.815E	552.867	553.556	554.345	553.842	---	---	21
22	---	---	551.075E	551.388	552.140	552.814E	552.890	553.600	554.369	553.844	---	---	22
23	---	---	551.050E	551.386	552.161	552.830E	552.867A	553.639	554.379	553.850	---	---	23
24	---	---	551.030E	551.400	552.217	552.898E	552.885E	553.667	554.381	553.825	---	---	24
25	---	---	551.008E	551.411	552.273	552.844E	552.910E	553.685	554.385	553.801	---	---	25
26	---	---	550.984A	551.405	552.293	552.870E	552.940E	553.722	554.332	553.754	---	---	26
27	---	---	550.961	551.434	552.332	552.890E	552.968E	553.734	554.309	553.763	---	---	27
28	---	---	550.952	551.464	552.337	552.879E	552.990E	553.736	554.281	553.782A	---	---	28
29	---		550.948	551.487	552.359	552.898E	553.030E	553.728	554.270	553.770E	---	---	29
30	---		550.927	551.482	552.394	552.910E	553.060E	553.785	554.280	553.760E	---	---	30
31	---		550.905		552.406		553.150E	553.795		553.750E		---	31
MEAN	---	---	551.250	551.184	551.915	552.592	552.838	553.489	554.124	553.965	---	---	MEAN
MAX	---	---	551.745	551.487	552.406	552.910	553.150	553.795	554.381	554.268	---	---	MAX
MIN	---	---	550.905	550.901	551.488	552.368	552.884	553.230	553.824	553.750	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MINIMUM DAILY, 550.901 ON APR 1

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 21 N
LONG 107 58 08 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
136 000 km²

LAKE OF THE RIVERS WEST INFLOW - STATION NO 05JD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.052	0	0	0	1.45	0	0	---	---	1
2	---	0 B	0 B	0.018	0	0	0	0.689	0	0	---	---	2
3	---	0 B	0.0028	0.009	0	0	0	0.298	0	0	---	---	3
4	---	0 B	0.0058	0.010	0	0	0	0.138	0	0	---	---	4
5	---	0 B	0.0208	0.006	0	0	0	0.075	0	0	---	---	5
6	---	0 B	0.0158	0.001	0	0	0	0.057	0	0	---	---	6
7	---	0.0188	0.0058	0	0	0	0	0.053	0	0	---	---	7
8	---	0.0188	0 B	0	0	0	0	0.048	0	0	---	---	8
9	---	0.0018	0 B	0	0	0	0	0.041	0	0	---	---	9
10	---	0.0018	0 B	0	0	0	0	0.034	0	0	---	---	10
11	---	0.0018	0 B	0	0	0	0	0.054	0	0	---	---	11
12	---	0.0018	0 B	0	0	0	0	0.034	0	0	---	---	12
13	---	0 B	0 B	0	0	0	0	0.022	0	0	---	---	13
14	---	0 B	0 B	0	0	0	0	0.054	0	0	---	---	14
15	---	0 B	0 B	0	0	0	0	0.086	0	0	---	---	15
16	---	0 B	0 B	0	0	0	0	0.031	0	0	---	---	16
17	---	0 B	0 B	0	0	0	0	0.022	0	0	---	---	17
18	---	0 B	0 B	0	0	0	0	0.014	0	0	---	---	18
19	---	0 B	0.0018	0	0	0	0	0.012	0	0	---	---	19
20	---	0 B	0.0028	0	0	0	0	0.007	0	0	---	---	20
21	---	0 B	0 B	0	0	0	0	0.004	0	0	---	---	21
22	---	0 B	0 B	0	0	0	0	0.001	0	0	---	---	22
23	---	0 B	0 B	0	0	0	0	0.001	0	0	---	---	23
24	---	0 B	0 B	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0 B	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0.0028	0	0	0	0	0.001	0	0	---	---	26
27	---	0 B	0.0018	0	0	0	0	0	0	0	---	---	27
28	---	0 B	0.0098	0	0	0	0	0	0	0A	---	---	28
29	---		0.0228	0	0	0	0	0	0	0E	---	---	29
30	---		0.0258	0	0	0	0	0	0	0E	---	---	30
31	---		0.029	0		0	0.778	0		0E	---	---	31
TOTAL	---	0.040	0.138	0.085	0	0	0.778	3.240	0	0	---	---	TOTAL
MEAN	---	0.001	0.004	0.003	0	0	0.025	0.105	0	0	---	---	MEAN
MAX	---	0.018	0.029	0.052	0	0	0.778	1.45	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 1.45 ON AUG 1
MINIMUM DAILY, 0E ON FEB 1
MAXIMUM INSTANTANEOUS,
2.13 AT 09:50 CST ON AUG 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 25 N
LONG 105 46 41 W
DRAINAGE AREA, 84.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	67.2
FEB	3.46	AUG	280
MAR	11.9	SEP	0
APR	8.21	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 371 dam³

REMARKS - AN ADDITIONAL 50 dam³ WERE PUMPED FROM THE GAUGE POOL BETWEEN MARCH 27 AND APRIL 15 BY THE LOCAL FARMER

LANIGAN CREEK ABOVE BOULDER LAKE - STATION NO. 05JJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0268	0.452	0	0	0	0	0	---	---	1
2	---	---	0 B	0.0308	0.426	0	0	0	0	0	---	---	2
3	---	---	0 B	0.0428	0.386	0	0	0	0	0	---	---	3
4	---	---	0 B	0.0348	0.346	0	0	0	0	0	---	---	4
5	---	---	0 B	0.043	0.306	0	0	0	0	0	---	---	5
6	---	---	0.0028	0.142	0.263	0	0	0	0	0	---	---	6
7	---	---	0.0028	0.169	0.223	0	0	0	0	0	---	---	7
8	---	---	0 B	0.155	0.191	0	0	0	0	0	---	---	8
9	---	---	0.0018	0.165	0.172	0	0	0	0	0	---	---	9
10	---	---	0 B	0.387	0.152	0	0	0	0	0	---	---	10
11	---	---	0.0018	2.85	0.127	0	0	0	0	0	---	---	11
12	---	---	0.0048	4.13	0.102	0	0	0	0	0	---	---	12
13	---	---	0.0048	3.90	0.078	0	0	0	0	0	---	---	13
14	---	---	0.0048	3.39	0.080	0	0	0	0	0	---	---	14
15	---	---	0.0038	3.08	0.048	0	0	0	0	0	---	---	15
16	---	---	0.0038	2.73	0.041	0	0	0	0	0	---	---	16
17	---	---	0.0038	2.47	0.033	0	0	0	0	0	---	---	17
18	---	---	0.0088	2.17	0.023	0	0	0	0	0	---	---	18
19	---	---	0.0118	1.86	0.017	0	0	0	0	0	---	---	19
20	---	---	0.0158	1.66	0.008	0	0	0	0	0	---	---	20
21	---	---	0.0108	1.26	0.008	0	0	0	0	0	---	---	21
22	---	---	0.0048	1.10	0.004	0	0	0	0	0	---	---	22
23	---	---	0.0378	0.935	0.001	0	0	0	0	0	---	---	23
24	---	---	0.0308	0.883	0	0	0	0	0	0	---	---	24
25	---	---	0.0338	0.817	0	0	0	0	0	0	---	---	25
26	---	---	0.0218	0.748	0	0	0	0	0	0	---	---	26
27	---	---	0.0518	0.681	0.001	0	0	0	0	0	---	---	27
28	---	---	0.0098	0.615	0.006	0	0	0	0	0	---	---	28
29	---		0.0038	0.563	0.008	0	0	0	0	0	---	---	29
30	---		0.0038	0.500	0.001	0	0	0	0	0	---	---	30
31	---		0.0178		0		0	0	0	0	---	---	31
TOTAL	---	---	0.289	37.180	3.481	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.009	1.24	0.112	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.051	4.13	0.452	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.025	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.187
MAXIMUM DAILY, 4.13 ON APR 12
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
4.30 AT 14:45 CST ON APR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 55 N
LONG 105 19 15 W
DRAINAGE AREA, 2 380 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	23.2	SEP	0
APR	3 210	OCT	0
MAY	301	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 530 dam³

LARSEN RESERVOIR NEAR RADVILLE - STATION NO. 05NA005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	630.440E	---	630.420E	631.239A	631.032	630.916	630.750E	630.594	630.525	630.475	---	629.886A	1
2	---	---	630.420E	631.206A	631.028	630.908	630.745E	630.583	630.515	630.483	---	---	2
3	---	---	630.420E	631.181	631.030	630.901	630.741A	630.574	630.511	630.483	---	---	3
4	---	---	630.475E	631.165	631.028	630.896	630.738	630.566	630.504	630.483	---	---	4
5	---	---	630.558A	631.153	631.028	630.892	630.733	630.564	630.499	630.483	---	---	5
6	---	630.430A	630.630	631.142	631.020	630.880	630.743	630.554	630.496	630.469	---	---	6
7	---	---	630.662A	631.135	631.015	630.881	630.737	630.549	630.490	630.460	---	---	7
8	---	---	630.676A	631.131	631.013	630.872	630.733	630.544	630.483	630.443	---	---	8
9	---	---	630.680E	631.128	631.005	630.862	630.732	630.537	630.481	630.432	---	---	9
10	---	---	630.683A	631.114A	631.001	630.858	630.727	630.531	630.484	630.427	---	---	10
11	---	---	630.688A	631.109A	630.989	630.855	630.725	630.524	630.485	630.428	---	---	11
12	---	---	630.689E	631.110A	630.983	630.849	630.731	630.511	630.487	630.428	---	---	12
13	---	---	630.691E	631.106	630.977	630.839	630.729	630.504	630.482	630.428	---	---	13
14	---	---	630.692E	631.103	630.966	630.832E	630.725	630.502	630.481	630.419	---	---	14
15	---	---	630.695A	631.104	630.955	630.826E	630.720	630.507	630.481	630.417	---	---	15
16	---	---	630.696A	631.101	630.959	630.821E	630.714	630.503	630.490	630.421	---	---	16
17	---	---	630.696A	631.100	630.946	630.816E	630.699	630.598	630.481	630.420	---	---	17
18	---	---	630.698A	631.099	630.938	630.810E	630.706	630.591	630.492	630.416	---	---	18
19	---	---	630.704A	631.095	630.940	630.806E	630.709	630.590	630.488	630.415	---	---	19
20	---	---	630.709A	631.085	630.936	630.801E	630.706	630.586	630.486	630.410	---	---	20
21	---	---	630.718A	631.075	630.923	630.796E	630.701	630.581	630.481	630.410	---	---	21
22	---	---	630.738A	631.075	630.918E	630.792E	630.704	630.572	630.478	630.409	---	---	22
23	---	---	630.767A	631.067	630.915E	630.787E	630.702	630.567	630.474	630.410	---	---	23
24	---	---	630.801E	631.063	630.911E	630.783E	630.697	630.562	630.485	630.408	---	---	24
25	---	---	630.838A	631.063	630.907E	630.778E	630.691	630.559	630.468	630.411	---	---	25
26	---	---	630.901A	631.060	630.904E	630.773E	630.684	630.554	630.455	630.413	---	---	26
27	---	---	631.062E	631.049	630.915A	630.768E	630.679	630.550	630.460	630.410A	---	---	27
28	---	630.430E	631.126E	631.046	630.932	630.764E	630.671	630.544	630.481	630.345E	---	---	28
29	---		631.151A	631.038	630.929	630.759E	630.664	630.542	630.477	630.280E	---	629.850A	29
30	---		631.153A	631.039	630.923	630.754E	630.658	630.533	630.474	630.215E	629.868E	---	30
31	630.432E		631.212A		630.918		630.699	630.529		630.150E		629.850E	31
MEAN	---	---	630.743	631.106	630.964	630.830	630.715	630.603	630.485	630.406	---	---	MEAN
MAX	---	---	631.212	631.239	631.032	630.916	630.750	630.694	630.525	630.475	---	---	MAX
MIN	---	---	630.420	631.039	630.904	630.754	630.671	630.529	630.465	630.150	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 631.239A ON APR 1
MINIMUM DAILY, 629.850A ON DEC 29
MAXIMUM INSTANTANEOUS,
631.247A AT 24:00 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 30 N
LONG 104 18 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAST MOUNTAIN LAKE AT ROWAN'S RAVINE - STATION NO. 05JH004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	489.941	489.917	489.900	489.957	490.002	490.008	489.982	490.011	489.956	489.914	489.844	489.818	1
2	489.942	489.916	489.897	489.982	489.999	490.011	489.987	490.007	489.948	489.878	489.848	489.818	2
3	489.941	489.914	489.898	489.986	490.009	489.998	489.980	490.011	489.937	489.891	489.827	489.811	3
4	489.941	489.912	489.901	489.987	489.998	490.002	489.984	489.998	489.951	489.911	489.829	489.818	4
5	489.940	489.913	489.901	489.972	490.006	489.996	489.988	490.001	489.948	489.895	489.838	489.816	5
6	489.940	489.914	489.904	489.974	490.002	490.006	489.988	489.989	489.949	489.890	489.835	489.811	6
7	489.938	489.916	489.910	489.977	490.004	490.005	489.975	489.995	489.941	489.873	489.841	489.812	7
8	489.937	489.916	489.910	489.978	490.006	489.998	489.973	490.000	489.934	489.898	489.834	489.822	8
9	489.936	489.914	489.909	489.981	490.007	489.990	489.982	489.995	489.931	489.871	489.818	489.817	9
10	489.934	489.913	489.911	489.982	490.007	489.991	489.988	489.994	489.940	489.857	489.820	489.812	10
11	489.936	489.912	489.913	489.983	489.994	490.004	489.977	489.996	489.935	489.864	489.828	489.821	11
12	489.936	489.909	489.910	489.987	489.988	489.998	489.976	489.984	489.938	489.868	489.830	489.825	12
13	489.936	489.910	489.914	489.989	490.002	490.002	489.974	489.992	489.924	489.871	489.831	489.820	13
14	489.926	489.909	489.917	489.984	489.989	489.996	489.975	489.989	489.935	489.880	489.829	489.817	14
15	489.923	489.908	489.921	489.973	489.997	489.993	489.975	489.999	489.925	489.877	489.830	489.816	15
16	489.923	489.911	489.923	489.976	490.014	489.987	489.987	489.988	489.927	489.861	489.831	489.814	16
17	489.924	489.909	489.923	489.985	489.988	489.994	489.980	489.986	489.929	489.870	489.823	489.812	17
18	489.926	489.907	489.924	490.001	489.988	489.989	489.988	489.986	489.923	489.867	489.818	489.808	18
19	489.925	489.913	489.928	490.018	489.984	489.997	489.981	489.981	489.921	489.867	489.823	489.808	19
20	489.923	489.910	489.929	490.008	489.994	489.994	489.984	489.982	489.916	489.847	489.798	489.807	20
21	489.925	489.908	489.930	489.994	489.980	489.984	489.980	489.987	489.910	489.838	489.817	489.808	21
22	489.922	489.899	489.933	490.016	489.996	489.981	489.987	489.976	489.917	489.844	489.823	489.806	22
23	489.920	489.900	489.936	490.007	489.991	489.978	490.000	489.989	489.916	489.852	489.810	489.808	23
24	489.918	489.901	489.939	490.009	489.994	489.981	490.007	489.970	489.916	489.813	489.815	489.805	24
25	489.918	489.899	489.943	490.014	489.998	489.977	490.013	489.970	489.904	489.843	489.811	489.806	25
26	489.917	489.899	489.948	490.022	489.995	489.986	490.008	489.987	489.894	489.851	489.819	489.809	26
27	489.918	489.898	489.945	490.003	489.978	489.970	490.012	489.984	489.923	489.841	489.810	489.807	27
28	489.917	489.898	489.943	490.014	490.002	489.978	490.017	489.967	489.903	489.843	489.819	489.806	28
29	489.918		489.945	489.995	490.002	489.989	490.015	489.984	489.908	489.848	489.815	489.807	29
30	489.915		489.949	490.010	490.006	489.982	490.015	489.980	489.903	489.837	489.818	489.810	30
31	489.917		489.954		490.010		490.023	489.988		489.844		489.808	31
MEAN	489.928	489.909	489.923	489.990	489.991	489.990	489.987	489.985	489.927	489.864	489.825	489.812	MEAN
MAX	489.942	489.917	489.954	490.022	490.014	490.011	490.023	490.011	489.956	489.914	489.848	489.825	MAX
MIN	489.915	489.898	489.897	489.957	489.951	489.982	489.980	489.967	489.894	489.813	489.798	489.805	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 489.928
MAXIMUM DAILY, 490.023 ON JUL 31
MINIMUM DAILY, 489.798 ON NOV 20
MAXIMUM INSTANTANEOUS,
490.100 AT 18:21 CST ON JUL 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 52 N
LONG 105 11 08 W

REGULATED

DRAINAGE AREA,
14 600 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

LEATHER RIVER NEAR STAR CITY - STATION NO. 05KB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.08	0 B	0.033	0.005	0	0	0	0	---	---	1
2	---	---	0.08	0 B	0.025	0.009	0	0	0	0	---	---	2
3	---	---	0.08	0 B	0.017	0.012	0	0	0	0	---	---	3
4	---	---	0.08	0 B	0.012	0.011	0	0	0	0	---	---	4
5	---	---	0.08	0.0398	0.009	0.010	0	0	0	0	---	---	5
6	---	---	0.08	1.20 B	0.007	0.005	0	0	0	0	---	---	6
7	---	---	0.08	3.23	0.014	0.001	0	0	0	0	---	---	7
8	---	---	0.08	2.45	0.016	0	0	0	0	0	---	---	8
9	---	---	0.08	2.04	0.006	0	0	0	0	0	---	---	9
10	---	---	0.08	1.16	0.002	0	0	0	0	0	---	---	10
11	---	---	0.08	0.933	0.007	0	0	0	0	0	---	---	11
12	---	---	0.08	0.778	0.006	0	0	0	0	0	---	---	12
13	---	---	0.08	0.820	0.002	0	0	0	0	0	---	---	13
14	---	---	0.08	0.807	0.001	0	0	0	0	0	---	---	14
15	---	---	0.08	0.548	0.001	0	0	0	0	0	---	---	15
16	---	---	0.08	0.420	0	0	0	0	0	0	---	---	16
17	---	---	0.08	0.288	0	0	0	0	0	0	---	---	17
18	---	---	0.08	0.187	0	0	0	0	0	0	---	---	18
19	---	---	0.08	0.111	0	0	0	0	0	0	---	---	19
20	---	---	0.08	0.088	0	0	0	0	0	0	---	---	20
21	---	---	0.08	0.072	0	0	0	0	0	0	---	---	21
22	---	---	0.08	0.088	0	0	0	0	0	0	---	---	22
23	---	---	0.08	0.087	0	0	0	0	0	0	---	---	23
24	---	---	0.08	0.072	0	0	0	0	0	0	---	---	24
25	---	---	0.08	0.082	0	0	0	0	0	0	---	---	25
26	---	---	0.08	0.084	0.001	0	0	0	0	0	---	---	26
27	---	---	0.08	0.082	0.004	0	0	0	0	0	---	---	27
28	---	---	0.08	0.070	0.072	0	0	0	0	0	---	---	28
29	---		0.08	0.070	0.014	0	0	0	0	0	---	---	29
30	---		0.08	0.046	0.001	0	0	0	0	0A	---	---	30
31	---		0.08		0.001		0	0	0	0E	---	---	31
TOTAL	---	---	0	15.394	0.250	0.053	0	0	0	0E	---	---	TOTAL
MEAN	---	---	0	0.512	0.008	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0	3.23	0.072	0.012	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.084
MAXIMUM DAILY, 3.23 ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS, 3.57 AT 01:30 CST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 50 32 N
LONG 106 14 24 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 330	OCT	0
MAY	21 6	NOV	---
JUN	4 56	DEC	---

TOTAL DISCHARGE, 1 380 dam³

LENORE LAKE NEAR MIDDLE LAKE - STATION NO. 05KA011

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	525.219	---	---	---	---	2
3	---	---	---	---	---	---	525.258	---	---	---	---	---	3
4	---	---	---	---	---	525.383	---	525.212	525.142	---	---	---	4
5	---	---	---	---	525.378	---	---	---	---	---	---	---	5
6	---	---	---	---	525.378	525.348	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	525.375	---	525.258	---	---	---	---	---	8
9	---	---	---	---	525.373	---	---	525.194	---	---	---	---	9
10	---	---	---	---	---	525.343	---	---	525.130	---	---	---	10
11	---	---	---	---	---	525.331	---	525.181	525.132	525.085	---	---	11
12	---	---	---	---	---	525.328	525.245	---	525.129	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	525.386	525.331	---	---	525.130	525.083	---	---	14
15	---	---	---	---	---	---	525.240	525.173	525.131	525.082	---	---	15
16	---	---	---	---	525.353	525.321	---	525.168	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	525.085	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	525.343	---	---	---	---	---	---	---	19
20	---	---	---	---	---	525.308	525.236	525.182	---	---	---	---	20
21	---	---	---	---	525.338	---	---	---	525.118	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	525.238	---	525.118	---	---	---	23
24	---	---	---	---	525.323	525.292	525.238	525.172	---	525.058	---	---	24
25	---	---	---	---	---	---	525.234	---	525.105	525.085	---	---	25
26	---	---	---	---	---	---	---	---	---	525.081	---	---	26
27	---	---	---	---	---	---	---	525.170	---	---	---	---	27
28	---	---	---	---	---	525.286	525.231	525.170	525.080	---	---	---	28
29	---	---	---	---	525.315	---	---	---	---	---	---	---	29
30	---	---	---	---	---	---	525.228	---	525.082	---	---	---	30
31	---	---	---	---	---	---	---	525.164	---	---	---	---	31
MEAN	---	---	---	525.371	525.354	525.322	525.232	---	---	525.068	---	---	MEAN
MAX	---	---	---	---	---	---	525.220	---	---	525.063	---	---	MAX
MIN	---	---	---	---	---	525.265	---	---	525.080	525.060	---	---	MIN
					525.366	---	---	---		525.059	---	---	

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 33 N
LONG 105 00 52 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LEWIS CREEK NEAR IMPERIAL - STATION NO 05JH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3478	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.5838	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.450	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.184	0	0	0	0	0	0	---	---	4
5	---	---	0.0048	0.077	0	0	0	0	0	0	---	---	5
6	---	---	0.0288	0.047	0	0	0	0	0	0	---	---	6
7	---	---	0.0088	0.027	0	0	0	0	0	0	---	---	7
8	---	---	0.0098	0.018	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.014	0	0	0	0	0	0	---	---	9
10	---	---	0.0388	0.006	0	0	0	0	0	0	---	---	10
11	---	---	0.0618	0.006	0	0	0	0	0	0	---	---	11
12	---	---	0.0118	0.003	0	0	0	0	0	0	---	---	12
13	---	---	0.0078	0	0	0	0	0	0	0	---	---	13
14	---	---	0.0048	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0.0028	0	0	0	0	0	0	0	---	---	16
17	---	---	0.0138	0	0	0	0	0	0	0	---	---	17
18	---	---	0.0138	0	0	0	0	0	0	0	---	---	18
19	---	---	0.0088	0	0	0	0	0	0	0	---	---	19
20	---	---	0.0188	0	0	0	0	0	0	0	---	---	20
21	---	---	0.0338	0	0	0	0	0	0	0	---	---	21
22	---	---	0.0708	0	0	0	0	0	0	0	---	---	22
23	---	---	0.0548	0	0	0	0	0	0	0	---	---	23
24	---	---	0.1578	0	0	0	0	0	0	0	---	---	24
25	---	---	0.1888	0	0	0	0	0	0	0	---	---	25
26	---	---	0.1388	0	0	0	0	0	0	0	---	---	26
27	---	---	0.1388	0	0	0	0	0	0	0	---	---	27
28	---	---	0.1238	0	0	0	0	0	0	0	---	---	28
29	---		0.2728	0	0	0	0	0	0	0	---	---	29
30	---		0.2128	0	0	0	0	0	0	0	---	---	30
31	---		0.2038		0		0	0		0		---	31
TOTAL	---	---	1.799	1.844	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.058	0.061	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.272	0.583	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.5838 ON APR 2
MINIMUM DAILY, 0S ON MAR 1
MAXIMUM INSTANTANEOUS,
0.890 AT 16 47 CST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 18 02 N
LONG 105 22 52 W
DRAINAGE AREA, 572 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	155	SEP	0
APR	159	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 314 dam³

LIGHTNING CREEK NEAR CARNDUFF - STATION NO 05NF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.84 B	0.044	0.011	0	0	0	0	---	---	1
2	---	---	0 B	3.03 B	0.035	0.011	0	0	0	0	---	---	2
3	---	---	0.0108	4.55 B	0.034	0.009	0	0	0	0	---	---	3
4	---	---	0.0508	5.13 B	0.030	0.008	0	0	0	0	---	---	4
5	---	---	0.0548	5.18 B	0.025	0.007	0	0	0	0	---	---	5
6	---	---	0.2888	5.87	0.018	0.006	0	0	0	0	---	---	6
7	---	---	0.3188	6.76	0.019	0.005	0	0	0	0	---	---	7
8	---	---	0.3258	5.43	0.021	0.004	0	0	0	0	---	---	8
9	---	---	0.2088	4.12	0.022	0.003	0	0	0	0	---	---	9
10	---	---	0.0478	3.00	0.019	0.003	0	0	0	0	---	---	10
11	---	---	0.0508	2.20	0.018	0.003	0	0	0	0	---	---	11
12	---	---	0.0088	1.54	0.015	0.002	0	0	0	0	---	---	12
13	---	---	0.0108	1.29	0.017	0.001	0	0	0	0	---	---	13
14	---	---	0.0208	1.07	0.015	0.001	0	0	0	0	---	---	14
15	---	---	0.0118	0.867	0.013	0	0	0	0	0	---	---	15
16	---	---	0.0088	0.730	0.020	0	0	0	0	0	---	---	16
17	---	---	0.0048	0.618	0.025	0	0	0	0	0	---	---	17
18	---	---	0.0058	0.487	0.019	0	0	0	0	0	---	---	18
19	---	---	0.0058	0.384	0.018	0	0	0	0	0	---	---	19
20	---	---	0.1518	0.300	0.018	0	0.001	0	0	0	---	---	20
21	---	---	1.62 B	0.204	0.017	0	0.001	0	0	0	---	---	21
22	---	---	2.60 B	0.143	0.015	0	0.001	0	0	0	---	---	22
23	---	---	2.77 B	0.067	0.017	0	0.001	0	0	0	---	---	23
24	---	---	2.75 B	0.069	0.013	0	0.001	0	0	0	---	---	24
25	---	---	3.61 B	0.053	0.012	0	0.001	0	0	0	---	---	25
26	---	---	3.24 B	0.031	0.012	0	0	0	0	0	---	---	26
27	---	---	2.88 B	0.032	0.017	0	0	0	0	0	---	---	27
28	---	---	2.37 B	0.187	0.017	0	0	0	0	0	---	---	28
29	---		3.38 B	0.108	0.020	0	0	0	0	0	---	---	29
30	---		2.88 B	0.089	0.012	0	0	0	0	0	---	---	30
31	---		3.30 B		0.010		0	0		0		---	31
TOTAL	---	---	32.111	57.615	0.508	0.074	0.008	0	0	0	---	---	TOTAL
MEAN	---	---	1.04	1.92	0.020	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	3.61	6.87	0.044	0.011	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0.031	0.010	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.369
MAXIMUM DAILY, 6.87 ON APR 6
MINIMUM DAILY, 0S ON MAR 1
MAXIMUM INSTANTANEOUS,
7.13 AT 13 55 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 17 N
LONG 101 43 08 W
DRAINAGE AREA, 740 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.52
FEB	---	AUG	0
MAR	2 770	SEP	0
APR	4 880	OCT	0
MAY	52.5	NOV	---
JUN	6.39	DEC	---

TOTAL DISCHARGE, 7 810 dam³

LILIAN RIVER NEAR LADY LAKE - STATION NO. 05MC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0178	0.0588	0.321	0.079	0.081	0.060	0.030	0.016	0.085	---	1
2	---	---	0.0178	0.0548	0.436	0.088	0.068	0.050	0.031	0.007	0.047	---	2
3	---	---	0.0178	0.0768	0.383	0.104	0.071	0.044	0.033	0.013	0.037A	---	3
4	---	---	0.0178	0.2698	0.307	0.118	0.070	0.034	0.033	0.037	---	---	4
5	---	---	0.0178	1.09 B	0.231	0.099	0.067	0.073	0.029	0.031	---	---	5
6	---	---	0.0178	4.18 B	0.199	0.086	0.096	0.148	0.033	0.030	---	---	6
7	---	---	0.0178	11.8 B	0.169	0.078	0.133	0.128	0.029	0.034	---	---	7
8	---	---	0.0178	9.26 B	0.139	0.069	0.106	0.091	0.028	0.052	---	---	8
9	---	---	0.0178	5.89 B	0.107	0.071	0.123	0.068	0.023	0.052	---	---	9
10	---	---	0.0178	3.18 B	0.087	0.075	0.145	0.086	0.029	0.051	---	---	10
11	---	---	0.0178	2.02	0.078	0.074	0.134	0.098	0.026	0.058	---	---	11
12	---	---	0.0178	1.58	0.084	0.069	0.117	0.096	0.021	0.056	---	---	12
13	---	---	0.0178	1.33	0.082	0.066	0.111	0.083	0.016	0.056	---	---	13
14	---	---	0.0178	1.21	0.079	0.039	0.099	0.088	0.014	0.047	---	---	14
15	---	---	0.0178	1.12	0.084	0.033	0.079	0.088	0.006	0.048	---	---	15
16	---	---	0.0178	1.02	0.100	0.037	0.083	0.085	0.013	0.050	---	---	16
17	---	---	0.0178	0.929	0.107	0.068	0.084	0.080	0.024	0.048	---	---	17
18	---	---	0.0178	0.834	0.087	0.048	0.083	0.071	0.028	0.038	---	---	18
19	---	---	0.0188	0.751	0.084	0.058	0.108	0.067	0.033	0.028	---	---	19
20	---	---	0.0278	0.702	0.081	0.064	0.193	0.043	0.025	0.028	---	---	20
21	---	---	0.0378	0.658	0.057	0.057	0.151	0.037	0.018	0.030	---	---	21
22	---	---	0.0438	0.580	0.048	0.065	0.152	0.024	0.018	0.034	---	---	22
23	---	---	0.0428	0.509	0.048	0.057	0.183	0.019	0.013	0.033	---	---	23
24	---	---	0.0388	0.391	0.048	0.048	0.185	0.022	0.018	0.033	---	---	24
25	---	---	0.0518	0.384	0.040	0.043	0.143	0.033	0.018	0.038	---	---	25
26	---	---	0.0758	0.418	0.047	0.038	0.121	0.048	0.017	0.040	---	---	26
27	---	---	0.0718	0.407	0.050	0.040	0.108	0.047	0.023	0.038	---	---	27
28	---	---	0.0978	0.367	0.057	0.037	0.085	0.043	0.021	0.047	---	---	28
29	---		0.0688	0.354	0.058	0.038	0.078	0.044	0.013	0.055	---	---	29
30	---		0.0588	0.336	0.059	0.031	0.068	0.048	0.014	0.055	---	---	30
31	---		0.0508		0.082		0.057	0.037		0.058		---	31
TOTAL	---	---	0.877	51.933	3.850	1.852	3.278	1.984	0.881	1.239	---	---	TOTAL
MEAN	---	---	0.032	1.73	0.124	0.062	0.106	0.063	0.023	0.040	---	---	MEAN
MAX	---	---	0.097	11.8	0.436	0.118	0.193	0.148	0.033	0.058	---	---	MAX
MIN	---	---	0.017	0.084	0.040	0.031	0.081	0.019	0.006	0.007	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 11.88 ON APR 7
MINIMUM DAILY, 0.007 ON OCT 2
MAXIMUM INSTANTANEOUS,
12.8 AT 12:02 CST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 01 22 N
LONG 102 37 30 W
DRAINAGE AREA, 228 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	283
FEB	---	AUG	170
MAR	84.4	SEP	88.8
APR	4 490	OCT	107
MAY	333	NOV	---
JUN	180	DEC	---

TOTAL DISCHARGE, 5 680 dam³

LITTLE BEAR LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KF002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	620.182	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	620.064	---	---	30
31	---		---	---	---	620.144	---	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 17 38 N
LONG 104 40 33 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LITTLE BRIDGE CREEK NEAR ARMLEY - STATION NO. 05KB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.002	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.002	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	5
6	---	---	0B	0.0028	0.001	0	0	0	0	0	---	---	6
7	---	---	0B	2.87 B	0.002	0.003	0	0	0	0	---	---	7
8	---	---	0B	2.46	0.001	0.001	0	0	0	0	---	---	8
9	---	---	0B	1.28	0.001	0	0	0	0	0	---	---	9
10	---	---	0B	1.07	0.001	0	0	0	0	0	---	---	10
11	---	---	0B	1.03	0.002	0.001	0	0	0	0	---	---	11
12	---	---	0B	0.875	0.001	0	0	0	0	0	---	---	12
13	---	---	0B	0.805	0.001	0	0	0	0	0	---	---	13
14	---	---	0B	0.188A	0.001	0	0	0	0	0	---	---	14
15	---	---	0B	0.080	0.001	0	0	0	0	0	---	---	15
16	---	---	0B	0.175	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.128	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.084	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.084	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.049A	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.188A	0	0.001	0	0	0	0	---	---	21
22	---	---	0B	0.128	0	0.001	0	0	0	0	---	---	22
23	---	---	0B	0.087	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.080	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.056	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.050	0.001	0	0	0	0	0	---	---	26
27	---	---	0B	0.042	0.001	0	0	0	0	0	---	---	27
28	---	---	0B	0.047	0.001	0	0	0	0	0	---	---	28
29	---		0B	0.028	0.001	0	0	0	0	0A	---	---	29
30	---		0B	0.009	0	0	0	0	0	0E	---	---	30
31	---		0B		0		0	0		0E		---	31
TOTAL	---	---	0	11.423	0.023	0.007	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.381	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	2.87	0.002	0.003	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.047
MAXIMUM DAILY, 2.870 ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.52 AT 00 08 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 28 N
LONG 104 10 17 W
DRAINAGE AREA, 57.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	987	OCT	0
MAY	1.99	NOV	---
JUN	0.60	DEC	---

TOTAL DISCHARGE, 990 dam³

LITTLE QUILL LAKE NEAR WYNYARD - STATION NO. 05MA002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	517.886	---	---	---	---	1
2	---	---	---	---	---	---	---	---	517.850	---	---	---	2
3	---	---	---	---	518.068	---	---	---	---	---	---	---	3
4	---	---	---	---	---	518.048	---	---	---	517.785	---	---	4
5	---	---	---	---	---	---	517.958	---	517.831	---	---	---	5
6	---	---	---	---	---	---	517.874	---	---	---	---	---	6
7	---	---	---	---	518.092	518.082	---	517.893	---	---	---	---	7
8	---	---	---	---	---	---	517.962	---	517.818	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	518.122	518.030	517.980	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	517.855	---	517.767	---	---	12
13	---	---	---	---	---	518.028	---	---	---	---	---	---	13
14	---	---	---	---	---	---	517.951	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	517.832	---	---	---	15
16	---	---	---	---	---	---	---	517.888	---	---	---	---	16
17	---	---	---	---	518.082	---	517.959	---	---	---	---	---	17
18	---	---	---	---	---	518.026	---	---	---	517.764	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	517.884	---	517.755	---	---	20
21	---	---	---	---	---	---	---	517.838	517.835	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	518.082	518.002	---	---	517.884	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	517.988	517.948	---	---	---	---	---	25
26	---	---	---	---	---	---	---	517.863	---	517.738	---	---	26
27	---	---	---	---	---	---	---	---	517.804	517.761	---	---	27
28	---	---	---	---	518.092	---	517.942	---	---	---	---	---	28
29	---		---	---	---	517.984	---	---	---	---	---	---	29
30	---		---	518.115	---	517.985	517.964	517.844	---	---	---	---	30
31	---		---		518.064		---	517.882		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 52 54 N
LONG 104 08 14 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LODGE CREEK BELOW MCRAE CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.674	1.59	0.419	0.107	0.004	0	0	0	---	---	1
2	---	---	0.527	2.22	0.395	0.084	0.003	0	0	0.180	---	---	2
3	---	---	0.452	2.78	0.369	0.068	0.002	0	0	1.07	---	---	3
4	---	---	0.446	1.81	0.359	0.038	0.002	0	0	1.10	---	---	4
5	---	---	0.479	2.88	0.341	0.028	0.001	0	0	1.11	---	---	5
6	---	---	12.0 B	3.42	0.320	0.022	0.001	0	0	0.818	---	---	6
7	---	---	32.0 B	3.56	0.311	0.018	0.001	0	0	0.238	---	---	7
8	---	---	30.0 B	3.84	0.284	0.013	0.001	0	0	0.120	---	---	8
9	---	---	23.0 B	3.38	0.283	0.012	0.001	0	0	0.067	---	---	9
10	---	---	11.0 B	3.07	0.258	0.458	0.001	0	0	0.048	---	---	10
11	---	---	8.04 B	2.31	0.243	0.088	0.001	0	0	0.034	---	---	11
12	---	---	4.42 B	2.07	0.239	0.028	0.001	0	0	0.027	---	---	12
13	---	---	3.70 B	1.59	0.232	0.015	0.001	0	0	0.018	---	---	13
14	---	---	3.14 B	1.35	0.225	0.012	0.001	0	0	0.014	---	---	14
15	---	---	3.24	1.20	0.225	0.020	0	0	0	0.012	---	---	15
16	---	---	5.28	1.19	0.218	0.018	0	0	0	0.013	---	---	16
17	---	---	7.30	1.00	0.223	0.012	0.001	0	0	0.010	---	---	17
18	---	---	5.44	0.898	0.273	0.010	0.001	0	0	0.008	---	---	18
19	---	---	3.89	0.868	0.225	0.014	0.001	0	0	0.007	---	---	19
20	---	---	3.87	1.08	0.147	0.225	0.001	0	0	0.005	---	---	20
21	---	---	3.50	0.785	0.120	0.300	0.001	0	0	0.005	---	---	21
22	---	---	2.89	0.741	0.110	0.081	0.001	0	0	0.004	---	---	22
23	---	---	2.52	0.788	0.098	0.029	0.001	0	0	0.004	---	---	23
24	---	---	2.12	0.757	0.095	0.018	0	0.001	0	0.004	---	---	24
25	---	---	1.82	0.679	0.080	0.015	0	0.001	0	0.003	---	---	25
26	---	---	1.54	0.820	0.083	0.014	0	0.001	0	0.003	---	---	26
27	---	---	0.788	0.575	0.084	0.011	0	0.001	0	0.003	---	---	27
28	---	---	0.854	0.533	0.229	0.008	0	0	0	0.003A	---	---	28
29	---	---	1.20	0.467	0.308	0.006	0	0	0	0.003E	---	---	29
30	---	---	1.58	0.480	0.239	0.005	0	0	0	0.003E	---	---	30
31	---	---	1.57		0.184		0	0	0	0.002E	---	---	31
TOTAL	---	---	177.282	48.337	7.179	1.712	0.028	0.004	0	4.709	---	---	TOTAL
MEAN	---	---	5.72	1.61	0.232	0.057	0.001	0	0	0.152	---	---	MEAN
MAX	---	---	32.0	3.84	0.419	0.458	0.004	0.001	0	1.11	---	---	MAX
MIN	---	---	0.446	0.480	0.080	0.005	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.975
MAXIMUM DAILY, 32.08 ON MAR 7
MINIMUM DAILY, 0 ON JUL 15
MAXIMUM INSTANTANEOUS,
35.08 AT 16:20 CST ON MAR 7

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 19 N
LONG 109 43 02 W
DRAINAGE AREA, 2 140 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 42
FEB	---	AUG	0 35
MAR	15 300	SEP	0
APR	4 180	OCT	407
MAY	520	NOV	---
JUN	148	DEC	---

TOTAL DISCHARGE, 20 700 dam³

LODGE CREEK NEAR ALBERTA BOUNDARY - STATION NO. 11AB082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0428	0.1928	5.50	0.251	0.027	0.003	0.081	0.033	0.001	---	---	1
2	---	0.0438	0.1508	8.54	0.230	0.018	0.002	0.033	0.018	0.001	---	---	2
3	---	0.0448	0.1368	4.89	0.205	0.014	0.001	0.024	0.013	0.001	---	---	3
4	---	0.0458	1.36 B	4.08	0.180	0.011	0	0.017	0.010	0.001	---	---	4
5	---	0.0468	23.3 B	4.28	0.182	0.010	0	0.013	0.010	0	---	---	5
6	---	0.0478	29.2 B	3.88	0.155	0.009	0	0.009	0.008	0.001	---	---	6
7	---	0.0488	28.6 B	4.03	0.181	0.008	0	0.007	0.008	0.001	---	---	7
8	---	0.0498	25.7 B	3.24	0.148	0.007	0	0.005	0.007	0.001	---	---	8
9	---	0.0508	14.9 B	2.37	0.124	0.007	0	0.003	0.007	0.001	---	---	9
10	---	0.0538	5.20 B	1.61	0.111	0.128	0	0.003	0.006	0.001	---	---	10
11	---	0.1278	3.24 B	1.10	0.103	0.049	0	0.002	0.004	0.001	---	---	11
12	---	0.7288	3.82 B	0.784	0.098	0.032	0	0.001	0.004	0.001	---	---	12
13	---	0.9578	2.85 B	0.751	0.088	0.024	0	0.001	0.003	0.002	---	---	13
14	---	0.8118	2.30 B	0.606	0.081	0.014	0	0.004	0.003	0.002	---	---	14
15	---	1.13 B	7.71 B	0.585	0.070	0.010	0	0.006	0.002	0.003	---	---	15
16	---	1.38 B	8.08 B	0.463	0.063	0.008	0	0.006	0.001	0.003	---	---	16
17	---	1.05 B	4.60 B	0.563	0.058	0.005	0	0.007	0.002	0.003	---	---	17
18	---	0.9108	3.50 B	0.787	0.051	0.004	0	0.006	0.001	0.003	---	---	18
19	---	1.18 B	3.72 B	0.639	0.048	0.005	0	0.006	0.001	0.003	---	---	19
20	---	1.32 B	4.11 B	0.659	0.038	0.011	0	0.005	0.001	0.003	---	---	20
21	---	1.13 B	3.36 B	0.598	0.032	0.015	0	0.004	0	0.003	---	---	21
22	---	1.08 B	1.70 B	0.539	0.032	0.027	0	0.003	0	0.004	---	---	22
23	---	0.8618	2.45 B	0.391	0.028	0.017	0	0.003	0	0.004	---	---	23
24	---	0.6388	1.56 B	0.305	0.021	0.011	0	0.032	0	0.004	---	---	24
25	---	0.5298	0.9818	0.328	0.021	0.008	0	0.081	0	0.004	---	---	25
26	---	0.2928	3.47 B	0.323	0.023	0.008	0	0.047	0	0.005	---	---	26
27	---	0.2518	5.68 B	0.305	0.028	0.005	0	0.033	0.061	0.004	---	---	27
28	---	0.2088	4.85	0.317	0.023	0.005	0.002	0.024	0.001	0.005	---	---	28
29	---	---	3.80	0.305	0.034	0.004	0.254	0.028	0.001	0.005E	---	---	29
30	---	---	2.11	0.276	0.028	0.003	5.72	0.036	0.001	0.005	---	---	30
31	---	---	1.51		0.032		0.182	0.030		0.005E	---	---	31
TOTAL	---	15.081	208.548	51.087	2.745	0.502	7.184	0.538	0.138	0.081	---	---	TOTAL
MEAN	---	0.538	6.66	1.70	0.089	0.017	0.231	0.017	0.005	0.003	---	---	MEAN
MAX	---	1.38	29.6	8.54	0.251	0.128	5.72	0.081	0.023	0.005	---	---	MAX
MIN	---	0.042	0.135	0.275	0.021	0.003	0	0.001	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.04
MAXIMUM DAILY, 29.60 ON MAR 7
MINIMUM DAILY, 0 ON JUL 4
MAXIMUM INSTANTANEOUS,
34.38 AT 19:30 CST ON MAR 7

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 10 N
LONG 109 59 05 W
DRAINAGE AREA, 909 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	619
FEB	1 300	AUG	46 5
MAR	17 800	SEP	11 9
APR	4 410	OCT	7 00
MAY	237	NOV	---
JUN	43.4	DEC	---

TOTAL DISCHARGE, 24 600 dam³

LOISELLE CREEK NEAR HUDSON BAY - STATION NO 05LB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0B	0 B	0.003	0	0	0	0	0	---	---	1
2	---	---	0.0B	0 B	0.002	0	0	0	0	0	---	---	2
3	---	---	0.0B	0 B	0.002	0	0	0	0	0	---	---	3
4	---	---	0.0B	0 B	0.002	0	0	0	0	0	---	---	4
5	---	---	0.0B	0 B	0.001	0	0	0	0	0	---	---	5
6	---	---	0.0B	4.13 B	0	0	0	0	0	0	---	---	6
7	---	---	0.0B	5.38 B	0	0	0	0	0	0	---	---	7
8	---	---	0.0B	2.66 A	0	0	0	0	0	0.060E	---	---	8
9	---	---	0.0B	1.32 A	0	0	0	0	C	0.140E	---	---	9
10	---	---	0.0B	0.708A	0	0	0	0	0	0.180E	---	---	10
11	---	---	0.0B	0.458	0	0	0	0	0	0.180E	---	---	11
12	---	---	0.0B	0.308	0	0	0	0	0	0.180E	---	---	12
13	---	---	0.0B	0.205	0	0	0	0	0	0.098E	---	---	13
14	---	---	0.0B	0.155	0	0	0	0	0	0.088E	---	---	14
15	---	---	0.0B	0.101	0	0	0	0	0	0.048E	---	---	15
16	---	---	0.0B	0.078	0	0	0	0	0	0.038E	---	---	16
17	---	---	0.0B	0.064	0	0	0	0	0	0.032E	---	---	17
18	---	---	0.0B	0.048	0	0	0	0	0	0.027E	---	---	18
19	---	---	0.0B	0.038	0	0	0	0	0	0.023E	---	---	19
20	---	---	0.0B	0.039	0	0	0	0	0	0.020E	---	---	20
21	---	---	0.0B	0.043	0	0	0	0	0	0.017E	---	---	21
22	---	---	0.0B	0.020	0	0	0	0	0	0.013E	---	---	22
23	---	---	0.0B	0.018	0	0	0	0	0	0.010E	---	---	23
24	---	---	0.0B	0.018	0	0	0	0	0	0.007E	---	---	24
25	---	---	0.0B	0.020	0	0	0	0	0	0.005E	---	---	25
26	---	---	0.0B	0.011	0	0	0	0	0	0.003E	---	---	26
27	---	---	0.0B	0.007	0	0	0	0	0	0.002E	---	---	27
28	---	---	0.0B	0.007	0	0	0	0	0	0.001A	---	---	28
29	---		0.0B	0.004	0	0	0	0	0	0.001E	---	---	29
30	---		0.0B	0.003	0	0	0	0	0	0.001E	---	---	30
31	---		0.0B		0		0	0		0.001E		---	31
TOTAL	---	---	0	15.727	0.010	0	0	0	0	1.153	---	---	TOTAL
MEAN	---	---	0	0.524	0	0	0	0	0	0.037	---	---	MEAN
MAX	---	---	0	5.38	0.003	0	0	0	0	0.180	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.089
MAXIMUM DAILY, 5.380 ON APR 7
MINIMUM DAILY, 0.0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.278 AT 18 16 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 47 51 N
LONG 103 22 14 W
DRAINAGE AREA, 181 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 380	OCT	99 6
MAY	0 86	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 480 dam³

LONG CREEK AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO 05NA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0088	0.0028	0.0068	2.51 B	0.282	0.004	0	0	0	0	0	0B	1
2	0.0068	0.0018	0.0068	3.71 B	0.268	0.005	0	0	0	0	0	0B	2
3	0.0058	0.0018	0.0078	7.38 B	0.255	0.004	0	0.004	0	0	0	0B	3
4	0.0058	0.0018	0.0228	6.40 B	0.228	0.003	0	0.043	0	0	0	0B	4
5	0.0058	0 B	0.0348	3.84 B	0.178	0.002	0	0.018	0	0	0	0B	5
6	0.0078	0.0058	0.0418	2.78	0.148	0.002	0	0.008	0	0	0	0B	6
7	0.0078	0.0098	0.0518	3.63	0.113	0.001	0	0.004	0	0	0	0B	7
8	0.0088	0.0108	0.0538	4.77	0.079	0.001	0	0.003	0	0	0	0B	8
9	0.0058	0.0088	0.0548	4.81	0.057	0	0	0.002	0	0	0	0B	9
10	0.0048	0.0068	0.0538	4.38	0.068	0	0	0.001	0	0	0	0B	10
11	0.0048	0.0098	0.0438	3.88	0.052	0	0	0.001	0	0	0	0B	11
12	0.0058	0.0078	0.0358	3.44	0.038	0	0	0.001	0	0	0	0B	12
13	0.0078	0.0088	0.0308	2.84	0.028	0	0	0	0	0	0	0B	13
14	0.0108	0.0118	0.0278	2.36	0.020	0	0	0	0	0	0	0B	14
15	0.0088	0.0108	0.0278	2.13	0.015	0	0	0	0	0	0	0B	15
16	0.0078	0.0088	0.0308	1.95	0.015	0	0	0	0	0	0	0B	16
17	0.0058	0.0088	0.0408	1.73	0.015	0	0	0	0	0	0	0B	17
18	0.0048	0.0088	0.0568	1.55	0.015	0	0	0	0	0	0	0B	18
19	0.0038	0.0088	0.0718	1.39	0.012	0	0	0	0	0	0B	0B	19
20	0.0038	0.0108	0.0868	1.20	0.011	0	0	0	0	0	0B	0B	20
21	0.0038	0.0108	0.1068	1.00	0.011	0	0	0	0	0	0B	0B	21
22	0.0038	0.0108	0.0848	0.889	0.009	0	0	0	0	0	0B	0B	22
23	0.0038	0.0108	2.16 B	0.781	0.008	0	0	0	0	0	0B	0B	23
24	0.0038	0.0118	2.40 B	0.678	0.008	0	0	0	0	0	0B	0B	24
25	0.0038	0.0108	2.63 B	0.618	0.005	0	0	0	0	0	0B	0B	25
26	0.0038	0.0088	2.87 B	0.586	0.004	0	0	0	0	0	0B	0B	26
27	0.0038	0.0088	3.31 B	0.481	0.006	0	0	0	0	0	0B	0B	27
28	0.0038	0.0078	3.69 B	0.413	0.005	0	0	0	0	0	0B	0B	28
29	0.0038		2.96 B	0.332	0.004	0	0	0	0	0	0B	0B	29
30	0.0038		2.36 B	0.288	0.004	0	0	0	0	0	0B	0B	30
31	0.0038		2.00 B		0.004		0	0		0	0B	0B	31
TOTAL	0.148	0.211	24.774	59.854	1.941	0.022	0	0.085	0	0	0	0	TOTAL
MEAN	0.005	0.008	0.799	2.33	0.063	0.001	0	0.003	0	0	0	0	MEAN
MAX	0.010	0.011	3.31	7.38	0.288	0.005	0	0.043	0	0	0	0	MAX
MIN	0.003	0	0.006	0.285	0.004	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 7.388 ON APR 3
MINIMUM DAILY, 0.0B ON FEB 5
MAXIMUM INSTANTANEOUS,
8.518 AT 08 56 CST ON APR 3

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 103 21 08 W
DRAINAGE AREA, 3 210 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12.5	JUL	0
FEB	16 2	AUG	7 34
MAR	2 140	SEP	0
APR	6 040	OCT	0
MAY	188	NOV	0
JUN	1 80	DEC	0

TOTAL DISCHARGE, 8 390 dam³

LONG CREEK NEAR ESTEVAN - STATION NO. 05NB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0188	0.0178	0.0218	0.0248	0.011	0.010	0.014	0.108	0.005	0.023	0.013	0.007	1
2	0.0188	0.0178	0.0188	0.0238	0.011	0.010	0.014	0.108	0.011	0.018	0.013	0.008	2
3	0.0158	0.0138	0.0258	0.024	0.011	0.011	0.016	0.104	0.009	0.014	0.014	0.008	3
4	0.0168	0.0138	0.0258	0.028	0.011	0.011	0.018	0.080	0.007	0.014	0.014	0.008	4
5	0.0168	0.0138	0.0188	0.025	0.010	0.010	0.018	0.020	0.012	0.018	0.014	0.007	5
6	0.0168	0.0148	0.0178	0.024	0.009	0.012	0.017	0.011	0.013	0.019	0.015	0.007	6
7	0.0168	0.0188	0.0188	0.025	0.008	0.023	0.012	0.013	0.009	0.020	0.015	0.007	7
8	0.0168	0.0148	0.0118	0.020	0.009	0.025	0.009	0.107	0.004	0.020	0.014	0.007	8
9	0.0168	0.0138	0.0108	0.018	0.008	0.027	0.014	0.115	0.008	0.020	0.013	0.007	9
10	0.0168	0.0148	0.0088	0.017	0.011	0.028	0.014	0.188	0.006	0.020	0.013	0.007	10
11	0.0188	0.0148	0.0088	0.019	0.034	0.022	0.018	0.344	0.008	0.021	0.013	0.007	11
12	0.0258	0.0148	0.0088	0.018	0.082	0.012	0.014	0.485	0.007	0.020	0.013	0.007	12
13	0.0258	0.0138	0.0108	0.016	0.074	0.010	0.014	0.491	0.007	0.024	0.013	0.0078	13
14	0.0248	0.0138	0.0108	0.018	0.044	0.007	0.018	0.374	0.008	0.025	0.012	0.0188	14
15	0.0238	0.0138	0.0128	0.018	0.018	0.005	0.021	0.028	0.005	0.024	0.012	0.0488	15
16	0.0238	0.0138	0.0128	0.017	0.084	0.005	0.023	0.012	0.008	0.024	0.013	0.0488	16
17	0.0238	0.0478	0.0138	0.017	0.032	0.008	0.028	0.103	0.010	0.023	0.010	0.0478	17
18	0.0228	0.0758	0.0148	0.020	0.016	0.005	0.038	0.458	0.010	0.021	0.007	0.0448	18
19	0.0218	0.0688	0.0188	0.029	0.013	0.008	0.023	0.488	0.009	0.023	0.008	0.0428	19
20	0.0208	0.0488	0.0248	0.018	0.012	0.007	0.018	0.378	0.008	0.025	0.008	0.0338	20
21	0.0208	0.0448	0.0488	0.017	0.012	0.008	0.033	0.040	0.005	0.023	0.020	0.0258	21
22	0.0198	0.0418	0.0538	0.021	0.012	0.008	0.032	0.028	0.005	0.022	0.028	0.0228	22
23	0.0198	0.0388	0.0408	0.021	0.012	0.018	0.033	0.027	0.006	0.022	0.044	0.0178	23
24	0.0188	0.0318	0.0308	0.018	0.011	0.038	0.039	0.025	0.006	0.020	0.022	0.0128	24
25	0.0188	0.0288	0.0338	0.014	0.010	0.040	0.119	0.027	0.008	0.019	0.013	0.0108	25
26	0.0188	0.0278	0.0418	0.012	0.011	0.036	0.122	0.014	0.008	0.015	0.010	0.0098	26
27	0.0188	0.0258	0.0428	0.011	0.012	0.032	0.091	0.010	0.006	0.018	0.009	0.0108	27
28	0.0188	0.0238	0.0278	0.011	0.012	0.034	0.025	0.008	0.005	0.015	0.010	0.0108	28
29	0.0178		0.0278	0.011	0.012	0.028	0.082	0.003	0.007	0.014	0.008	0.0108	29
30	0.0178		0.0278	0.011	0.011	0.015	0.134	0.002	0.008	0.014	0.008	0.0108	30
31	0.0188		0.0278		0.010		0.112	0.001		0.014		0.0108	31
TOTAL	0.582	0.714	0.733	0.562	0.621	0.506	1.121	4.178	0.213	0.610	0.417	0.518	TOTAL
MEAN	0.019	0.026	0.024	0.019	0.020	0.017	0.036	0.135	0.007	0.020	0.014	0.017	MEAN
MAX	0.025	0.075	0.088	0.028	0.082	0.040	0.134	0.485	0.013	0.025	0.044	0.049	MAX
MIN	0.015	0.013	0.008	0.011	0.008	0.005	0.009	0.001	0.004	0.014	0.008	0.007	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.030
MAXIMUM DAILY, 0.488 ON AUG 19
MINIMUM DAILY, 0.001 ON AUG 31
MAXIMUM INSTANTANEOUS,
0.507 AT 07 38 CST ON AUG 14

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 15 N
LONG 103 00 48 W
DRAINAGE AREA, 4 840 km²

B - ICE CONDITIONS

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	90.3	JUL	96.9
FEB	81.7	AUG	381
MAR	83.3	SEP	18.4
APR	48.6	OCT	92.7
MAY	83.7	NOV	38.0
JUN	43.9	DEC	44.8

TOTAL DISCHARGE, 931 dam³

LONG CREEK NEAR MAXIM - STATION NO. 05NA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.25	0.082	0	0	0	0	0	---	---	1
2	---	---	0 B	0.886	0.078	0	0	0	0	0	---	---	2
3	---	---	0 B	0.515	0.066	0	0	0	0	0	---	---	3
4	---	---	0 B	1.48	0.058	0	0	0	0	0	---	---	4
5	---	---	0 B	2.88	0.042	0	0	0	0	0	---	---	5
6	---	---	0 B	4.48	0.031	0	0	0	0	0	---	---	6
7	---	---	0 B	4.18	0.027	0	0	0	0	0	---	---	7
8	---	---	0 B	3.63	0.024	0	0	0	0	0	---	---	8
9	---	---	0 B	3.24	0.020	0	0	0	0	0	---	---	9
10	---	---	0 B	2.89	0.017	0	0	0	0	0	---	---	10
11	---	---	0 B	2.05	0.009	0	0	0	0	0	---	---	11
12	---	---	0 B	1.80	0.004	0	0	0	0	0	---	---	12
13	---	---	0 B	1.59	0.001	0	0	0	0	0	---	---	13
14	---	---	0 B	1.33	0.001	0	0	0	0	0	---	---	14
15	---	---	0 B	1.16	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.986	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.805	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.708	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.612	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.546	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.481	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.424	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.340	0	0	0	0	0	0	---	---	23
24	---	---	0.0338 B	0.291	0	0	0	0	0	0	---	---	24
25	---	---	0.1258 B	0.284	0	0	0	0	0	0	---	---	25
26	---	---	0.1068 B	0.225	0	0	0	0	0	0	---	---	26
27	---	---	0.1128 B	0.175	0	0	0	0	0	0	---	---	27
28	---	---	0.3218 B	0.128	0	0	0	0	0	0	---	---	28
29	---	---	0.1838 B	0.112	0	0	0	0	0	0	---	---	29
30	---	---	0.0818 B	0.098	0	0	0	0	0	0	---	---	30
31	---	---	0.0888 B		0	0	0	0	0	0	---	---	31
TOTAL	---	---	0.8468										TOTAL
MEAN	---	---	1.831	40.491	0.455	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.059	1.35	0.015	0	0	0	0	0	---	---	MAX
MIN	---	---	0.884	4.48	0.082	0	0	0	0	0	---	---	MIN
			0	0.098	0	0	0	0	0	0	---	---	

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.175
MAXIMUM DAILY, 4.48 ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.58 AT 07 38 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 32 N
LONG 103 57 22 W
DRAINAGE AREA, 1 780 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	158	SEP	0
APR	3 900	OCT	0
MAY	38.3	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 700 dam³

LONG CREEK NEAR HODNAN - STATION NO. 05NB027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0178	0 B	0.0048	3.80 B	0.340	0.008	0	0.003	0	0	0	0	1
2	0.0178	0 B	0.0178	4.50 B	0.340	0.012	0	0.001	0	0	0	0	2
3	0.0188	0 B	0.0348	7.42 B	0.388	0.007	0	0.001	0	0	0	0	3
4	0.0188	0.0018	0.0588	8.85	0.386	0.005	0	0.001	0	0	0	0	4
5	0.0188	0.0018	0.0888	9.41	0.340	0.004	0	0	0	0	0	0	5
6	0.0158	0.0048	0.1188	3.85	0.283	0.004	0	0	0	0	0	0	6
7	0.0148	0.0148	0.1858	3.71	0.241	0.003	0	0	0	0	0	0	7
8	0.0138	0.0288	0.2528	4.84	0.173	0.002	0	0	0	0	0	0	8
9	0.0118	0.0348	0.4538	5.55	0.138	0.001	0	0	0	0	0	0	9
10	0.0108	0.0378	0.3408	5.44	0.116	0.001	0	0	0	0	0	0	10
11	0.0088	0.0408	0.3118	5.04	0.074	0.002	0	0	0	0	0	0	11
12	0.0078	0.0428	0.2298	4.67	0.027	0.002	0	0	0	0	0	0	12
13	0.0068	0.0408	0.1788	4.05	0.027	0.001	0	0	0	0	0	0	13
14	0.0058	0.0348	0.1708	3.28	0.019	0.001	0	0	0	0	0	0	14
15	0.0048	0.0318	0.1738	2.72	0.017	0.001	0	0	0	0	0	0	15
16	0.0038	0.0288	0.1848	2.44	0.024	0.001	0	0	0	0	0	0	16
17	0.0028	0.0258	0.1988	2.12	0.023	0.001	0	0	0	0	0	0	17
18	0.0018	0.0238	0.2488	1.78	0.034	0.001	0	0	0	0	0	0	18
19	0.0018	0.0208	0.2838	1.50	0.031	0.001	0	0	0	0	0	0	19
20	0.0018	0.0178	0.3888	1.22	0.022	0.001	0	0	0	0	0	0	20
21	0 B	0.0148	1.05 B	0.993	0.015	0	0	0	0	0	0	0	21
22	0 B	0.0138	2.66 B	0.678	0.007	0	0	0	0	0	0	0	22
23	0 B	0.0118	3.31 B	0.783	0.004	0.001	0	0	0	0	0	0	23
24	0 B	0.0088	5.09 B	0.708	0.003	0.001	0	0	0	0	0	0	24
25	0 B	0.0078	5.85 B	0.651	0.003	0	0	0	0	0	0	0	25
26	0 B	0.0068	7.22 B	0.595	0.003	0	0	0	0	0	0	0	26
27	0 B	0.0058	8.77 B	0.538	0.003	0	0	0	0	0	0	0	27
28	0 B	0.0048	8.00 B	0.481	0.004	0	0	0	0	0	0	0	28
29	0 B		5.72 B	0.453	0.003	0	0.001	0	0	0	0	0	29
30	0 B		4.84 B	0.388	0.004	0	0.003	0	0	0	0	0	30
31	0 B		3.77 B		0.008		0.004	0		0		0	31
TOTAL	0.180	0.487	88.123	88.498	3.088	0.082	0.008	0.008	0	0	0	0	TOTAL
MEAN	0.008	0.017	1.87	2.85	0.100	0.002	0	0	0	0	0	0	MEAN
MAX	0.019	0.042	7.22	8.85	0.388	0.012	0.004	0.003	0	0	0	0	MAX
MIN	0	0	0.004	0.388	0.003	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.412
MAXIMUM DAILY, 8.85 ON APR 4
MINIMUM DAILY, 0 ON JAN 21
MAXIMUM INSTANTANEOUS,
10.1 AT 00:30 CST ON APR 4

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 52 N
LONG 103 04 34 W
DRAINAGE AREA, 4 460 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15.4	JUL	0.69
FEB	42.1	AUG	0.52
MAR	5 020	SEP	0
APR	7 650	OCT	0
MAY	267	NOV	0
JUN	5.36	DEC	0

TOTAL DISCHARGE, 13 000 dam³

LOWER FISHING LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KE009

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	490.384	490.317	490.358	---	---	---	---	1
2	---	---	---	---	---	---	490.318	490.358	---	---	---	---	2
3	---	---	---	---	---	---	490.318	490.358	490.301	---	---	---	3
4	---	---	---	---	---	490.384	490.323	---	490.301	---	---	---	4
5	---	---	---	---	---	490.318	490.343	---	490.301	---	---	---	5
6	---	---	---	---	---	490.318	490.343	490.358	490.301	---	---	---	6
7	---	---	---	---	---	490.309	---	490.348	490.301	---	---	---	7
8	---	---	---	---	---	490.298	---	490.348	---	---	---	---	8
9	---	---	---	---	---	---	490.358	490.338	---	---	---	---	9
10	---	---	---	---	---	---	490.358	490.338	---	---	---	---	10
11	---	---	---	---	---	490.300	490.374	---	---	---	---	---	11
12	---	---	---	---	---	490.313	490.374	---	---	---	---	---	12
13	---	---	---	---	490.328	490.330	490.374	490.336	---	---	---	---	13
14	---	---	---	---	---	490.310	---	490.318	---	---	---	---	14
15	---	---	---	---	---	490.310	---	490.318	---	---	---	---	15
16	---	---	---	---	---	---	490.374	490.318	---	---	---	---	16
17	---	---	---	---	490.312	---	490.379	490.318	---	---	---	---	17
18	---	---	---	---	490.313	490.311	490.380	---	---	---	---	---	18
19	---	---	---	---	---	490.301	490.380	---	---	---	---	---	19
20	---	---	---	---	---	490.298	490.380	490.318	---	---	---	---	20
21	---	---	---	---	490.277	490.298	---	490.318	---	---	---	---	21
22	---	---	---	---	490.277	490.328	---	490.318	---	---	---	---	22
23	---	---	---	---	490.277	---	490.378	490.317	---	---	---	---	23
24	---	---	---	---	490.277	---	490.378	490.317	---	---	---	---	24
25	---	---	---	---	490.278	490.327	490.378	---	---	---	---	---	25
26	---	---	---	---	---	490.327	490.378	---	---	---	---	---	26
27	---	---	---	---	---	490.302	490.388	490.318	---	490.387	---	---	27
28	---	---	---	---	490.278	490.302	---	490.311	---	---	---	---	28
29	---		---	---	490.278	---	490.388	490.311	---	---	---	---	29
30	---		---	---	490.283	---	490.388	490.311	---	---	---	---	30
31	---		---		490.283		490.388	490.311		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 02 11 N
LONG 104 36 51 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LUMSDEN INDEX RESERVOIR - STATION NO. 05JF013

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	28.615	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	27.217	27.085	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	28.995	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	28.392	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	28.535E	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	28.625	---	---	---	---	---	29
30	---		---	27.230E	---	28.695	---	---	28.525	---	---	---	30
31	---		27.210E		27.105E	28.650E	---	---	28.520E	28.407	---	---	31
							28.605E	28.620E		28.405E			
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 32 31 N
LONG 104 50 37 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA, 1.19 km²

LYONS CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0318	0.036	0	0	0	0	0	0	---	---	1
2	---	---	0.0238	0.035	0	0	0	0	0	0	---	---	2
3	---	---	0.0408	0.034	0	0	0	0	0	0	---	---	3
4	---	---	0.1918	0.029	0	0	0	0	0	0	---	---	4
5	---	---	0.4368	0.025	0	0	0	0	0	0	---	---	5
6	---	---	0.7158	0.021	0	0	0	0	0	0	---	---	6
7	---	---	0.6248	0.019	0	0	0	0	0	0	---	---	7
8	---	---	0.3318	0.018	0	0	0	0	0	0	---	---	8
9	---	---	0.2008	0.018	0	0	0	0	0	0	---	---	9
10	---	---	0.1218	0.014	0	0	0	0	0	0	---	---	10
11	---	---	0.0878	0.015	0	0	0	0	0	0	---	---	11
12	---	---	0.0558	0.012	0	0	0	0	0	0	---	---	12
13	---	---	0.0538	0.009	0	0	0	0	0	0	---	---	13
14	---	---	0.0728	0.008	0	0	0	0	0	0	---	---	14
15	---	---	0.1528	0.007	0	0	0	0	0	0	---	---	15
16	---	---	0.0988	0.008	0	0	0	0	0	0	---	---	16
17	---	---	0.0988	0.005	0	0	0	0	0	0	---	---	17
18	---	---	0.1128	0.004	0	0	0	0	0	0	---	---	18
19	---	---	0.0708	0.004	0	0	0	0	0	0	---	---	19
20	---	---	0.0838	0.003	0	0	0	0	0	0	---	---	20
21	---	---	0.0668	0.002	0	0	0	0	0	0	---	---	21
22	---	---	0.0428	0.002	0	0	0	0	0	0	---	---	22
23	---	---	0.0478	0.001	0	0	0	0	0	0	---	---	23
24	---	---	0.0438	0.001	0	0	0	0	0	0	---	---	24
25	---	---	0.0448	0.001	0	0	0	0	0	0	---	---	25
26	---	0.0878	0.0458	0.001	0	0	0	0	0	0	---	---	26
27	---	0.0768	0.0458	0	0	0	0	0	0	0	---	---	27
28	---	0.0608	0.0458	0	0	0	0	0	0	0	---	---	28
29	---		0.053	0	0	0	0	0	0	0	---	---	29
30	---		0.048	0	0	0	0	0	0	0	---	---	30
31	---		0.040		0		0	0		0		---	31
TOTAL	---	---	4.059	0.329	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.131	0.011	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.715	0.036	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0.033	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.7158 ON MAR 6
MINIMUM DAILY, 0 ON APR 27
MAXIMUM INSTANTANEOUS,
0.8408 AT 14:45 CST ON MAR 6

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 17 N
LONG 109 13 48 W
DRAINAGE AREA, 174 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	351	SEP	0
APR	28.4	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 379 dam³

MACDONALD CREEK NEAR BOUNTY - STATION NO. 05HP005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 [illegible]	0.348	0.003	0.006	0	0	0	0	---	---	1
2	---	---	0 [illegible]	0.319	0.003	0.005	0	0	0	0	---	---	2
3	---	---	0 [illegible]	0.308	0.004	0.004	0	0	0	0	---	---	3
4	---	---	0 [illegible]	0.300	0.003	0.003	0	0	0	0	---	---	4
5	---	---	0.0628	0.2998	0.003	0.002	0	0	0	0	---	---	5
6	---	---	0.1698	0.2828	0.003	0.002	0	0	0	0	---	---	6
7	---	---	0.1668	0.2248	0.002	0.001	0	0	0	0	---	---	7
8	---	---	0.1398	0.1428	0.002	0	0	0	0	0	---	---	8
9	---	---	0.1568	0.112	0.002	0	0	0	0	0	---	---	9
10	---	---	0.1418	0.090	0.002	0	0	0	0	0	---	---	10
11	---	---	0.1718	0.076	0.002	0	0	0	0	0	---	---	11
12	---	---	0.1508	0.062	0.002	0	0	0	0	0	---	---	12
13	---	---	0.0888	0.029	0.002	0	0	0	0	0	---	---	13
14	---	---	0.0458	0.027	0.002	0	0	0	0	0	---	---	14
15	---	---	0.0388	0.018	0.002	0	0	0	0	0	---	---	15
16	---	---	0.0348	0.014	0.002	0	0	0	0	0	---	---	16
17	---	---	0.0318	0.010	0.002	0	0	0	0	0	---	---	17
18	---	---	0.0768	0.008	0.002	0	0	0	0	0	---	---	18
19	---	---	0.1228	0.008	0.001	0	0	0	0	0	---	---	19
20	---	---	0.3138	0.008	0.001	0	0	0	0	0	---	---	20
21	---	---	0.4038	0.007	0	0	0	0	0	0	---	---	21
22	---	---	0.4028	0.008	0	0	0	0	0	0	---	---	22
23	---	---	0.3888	0.005	0	0	0	0	0	0	---	---	23
24	---	---	0.4188	0.005	0	0	0	0	0	0	---	---	24
25	---	---	0.4318	0.005	0	0	0	0	0	0	---	---	25
26	---	---	0.5828	0.005	0.213	0	0	0	0	0	---	---	26
27	---	---	0.5958	0.005	0.213	0	0	0	0	0	---	---	27
28	---	---	0.5288	0.004	0.043	0	0	0	0	0	---	---	28
29	---	---	0.5018	0.004	0.014	0	0	0	0	0	---	---	29
30	---	---	0.3888	0.004	0.009	0	0	0	0	0	---	---	30
31	---	---	0.3948		0.007		0	0	0	0	---	---	31
TOTAL	---	---	8.954	3.735	0.546	0.023	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.224	0.091	0.018	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.595	0.348	0.213	0.006	0	0	0	0	---	---	MAX
MIN	---	---	0	0.004	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 042
MAXIMUM DAILY, 0 5958 ON MAR 27
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 7478 AT 21 41 CST ON MAR 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 58 N
LONG 107 24 44 W
DRAINAGE AREA, 2 560 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	601	SEP	0
APR	236	OCT	0
MAY	47.0	NOV	---
JUN	1 99	DEC	---

TOTAL DISCHARGE, 886 dam³

MACFARLANE RIVER AT OUTLET OF DAVY LAKE - STATION NO. 07NB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.3	43.2	40.6	41.4	88.3	84.2	52.7	35.8	43.0	43.9	45.7	45.9	1
2	44.4	42.0	39.7	41.8	89.4	80.9	51.1	38.1	42.0	45.2	45.8	45.5	2
3	43.9	41.9	39.8	41.3	92.2	81.8	51.0	41.3	41.9	44.8	44.4	45.2	3
4	43.8	43.1	38.8	41.2	94.1	81.3	51.3	40.8	42.6	44.0	39.7	44.4	4
5	43.8	43.7	40.3	41.7	95.5	78.2	51.4	40.2	43.9	44.0	42.3	44.3	5
6	43.8	43.2	40.1	42.1	97.2	77.5	51.0	38.7	42.8	42.4	45.7	44.3	6
7	44.3	43.1	40.2	41.8	98.5	76.2	48.8	38.5	43.5	40.8	51.8	44.4	7
8	44.4	43.1	39.9	41.7	98.7	74.8	48.3	38.5	43.5	41.4	47.0	45.0	8
9	44.3	43.0	39.8	41.9	99.9	74.2	48.2	40.0	45.4	44.5	48.9	44.4	9
10	44.9	43.0	39.8	42.4	104	72.8	48.5	39.8	48.4	42.7	48.1	44.1	10
11	44.8	42.3	39.1	43.0	107	72.6	48.4	39.0	47.3	42.8	49.8	44.2	11
12	44.8	42.48	39.1	43.5	104	71.3	48.5	39.1	48.8	42.4	50.2	44.2	12
13	45.5	42.18	38.3	43.8	108	71.6	48.7	39.6	47.8	40.8	50.2	44.4	13
14	43.6	41.8	40.0	44.4	107	68.9	48.3	40.0	47.3	43.4	49.8	44.1	14
15	43.1	41.3	40.4	44.8	108	63.8	48.8	40.0	46.8	42.9	49.8	43.8	15
16	43.2	41.7	40.8	45.2	108	62.8	48.8	39.9	49.0	44.1	48.5	43.8	16
17	42.3	43.3	41.0	45.6	108	62.9	43.5	39.1	48.2	43.4	48.2	43.6	17
18	41.7	41.8	41.1	46.1	103	61.3	43.8	38.5	48.4	43.1	47.0	43.2	18
19	41.8	42.3	41.4	47.0	101	58.7	43.7	39.1	47.6	43.9	45.8	43.2	19
20	42.6	42.5	41.3	48.7	101	58.1	41.6	38.8	49.8	45.8	46.0	43.0	20
21	43.3	42.8	41.9	50.8	102	58.0	42.8	37.6	47.8	44.4	46.0	42.2	21
22	43.6	42.6	41.9	53.8	98.8	57.4	41.7	38.7	48.9	43.8	44.8	41.7	22
23	41.9	41.8	41.6	56.1	98.1	57.0	40.9	38.7	48.0	48.5	44.4	41.7	23
24	42.0	40.9	41.7	58.1	97.5	55.2	40.4	38.8	44.9	44.9	43.8	41.8	24
25	42.1	40.6	41.8	62.2	96.3	54.7	40.7	39.3	44.7	42.8	43.8	42.2	25
26	42.1	40.8	38.9	85.8	92.7	54.2	40.5	40.1	44.8	41.9	44.5	42.6	26
27	42.0	40.7	38.9	89.7	91.6	53.4	40.2	40.6	45.3	42.9	45.6	43.1	27
28	41.9	40.8	40.0	74.1	91.0	52.5	39.5	40.4	45.3	43.1	48.0	43.2	28
29	42.1		40.5	78.1	88.7	52.3	39.5	40.6	43.6	43.4	46.0	43.2	29
30	42.3		40.6	82.3	87.8	52.0	41.2	43.0	44.0	44.2	46.1	42.5	30
31	42.6		40.9		88.2		40.5	40.8		44.8		42.5	31
TOTAL	1 340.3	1 177.4	1 253.2	1 520.8	3 031.3	1 981.7	1 388.9	1 226.8	1 389.9	1 350.1	1 382.5	1 351.7	TOTAL
MEAN	43.2	42.1	40.4	50.7	97.8	66.1	44.8	39.6	46.7	43.6	46.4	43.8	MEAN
MAX	45.5	43.2	41.9	89.3	107	84.2	52.7	43.0	49.8	46.8	51.8	45.9	MAX
MIN	41.7	40.8	38.9	41.2	88.2	52.0	38.5	35.8	41.9	40.8	39.7	41.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.4
MAXIMUM DAILY, 107 ON MAY 11
MINIMUM DAILY, 38 8 ON AUG 1
MAXIMUM INSTANTANEOUS,
110 AT 09 24 CST ON MAY 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 58 00 N
LONG 108 10 30 W
DRAINAGE AREA, 9 120 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	116 000	JUL	120 000
FEB	102 000	AUG	108 000
MAR	108 000	SEP	116 000
APR	131 000	OCT	117 000
MAY	262 000	NOV	120 000
JUN	171 000	DEC	117 000

TOTAL DISCHARGE, 1 590 000 dam³

MACNAB CREEK NEAR SOMME - STATION NO. 05LB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.08	0.8	0.016	0.001	0	0	0	0	---	---	1
2	---	---	0.08	0.0118	0.021	0.001	0	0	0	0	---	---	2
3	---	---	0.08	0.1238	0.026	0.001	0	0	0	0	---	---	3
4	---	---	0.08	0.7188	0.023	0.001	0	0	0	0	---	---	4
5	---	---	0.08	1.88 B	0.022	0.001	0	0	0	0	---	---	5
6	---	---	0.08	0.780	0.017	0.001	0	0	0	0	---	---	6
7	---	---	0.08	0.642	0.012	0.001	0	0	0	0	---	---	7
8	---	---	0.08	0.385	0.002	0.001	0	0	0	0	---	---	8
9	---	---	0.08	0.240	0.001	0.001	0	0	0	0	---	---	9
10	---	---	0.08	0.189	0.002	0.058	0	0	0	0	---	---	10
11	---	---	0.08	0.135	0.008	0.074	0	0	0	0	---	---	11
12	---	---	0.08	0.134	0.002	0.001	0	0	0	0	---	---	12
13	---	---	0.08	0.128	0.001	0.001	0	0	0	0	---	---	13
14	---	---	0.08	0.103	0.001	0.001	0	0	0	0	---	---	14
15	---	---	0.08	0.071	0.084	0.001	0	0	0	0	---	---	15
16	---	---	0.08	0.085	0.004	0.001	0	0	0	0	---	---	16
17	---	---	0.08	0.043	0.001	0.001	0	0	0	0	---	---	17
18	---	---	0.08	0.044	0.001	0.001	0	0	0	0	---	---	18
19	---	---	0.08	0.024	0.001	0.001	0	0	0	0	---	---	19
20	---	---	0.08	0.038	0.001	0.001	0	0	0	0	---	---	20
21	---	---	0.08	0.050	0.001	0	0	0	0	0	---	---	21
22	---	---	0.08	0.028	0.001	0	0	0	0	0	---	---	22
23	---	---	0.08	0.031	0.001	0	0	0	0	0	---	---	23
24	---	---	0.08	0.045	0.001	0	0	0	0	0	---	---	24
25	---	---	0.08	0.048	0.001	0	0	0	0	0	---	---	25
26	---	---	0.08	0.035	0.001	0	0	0	0	0	---	---	26
27	---	---	0.08	0.027	0.001	0	0	0	0	0	---	---	27
28	---	---	0.08	0.004	0.001	0	0	0	0	0A	---	---	28
29	---		0.08	0.010	0.001	0	0	0	0	0E	---	---	29
30	---		0.08	0.018	0.001	0	0	0	0	0E	---	---	30
31	---		0.08		0.001		0	0		0E		---	31
TOTAL	---	---	0	5.884	0.235	0.190	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.195	0.008	0.006	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.88	0.064	0.058	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.026
MAXIMUM DAILY, 1.88B ON APR 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.228 AT 02 57 CST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 38 29 N
LONG 102 57 57 W
DRAINAGE AREA, 87.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	506	OCT	0
MAY	20.3	NOV	---
JUN	16.4	DEC	---

TOTAL DISCHARGE, 543 dam³

MADGE LAKE NEAR KAMSACK - STATION NO. 05LE012

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	508.568	508.540	508.525	508.557	508.487	---	---	---	1
2	---	---	---	---	---	508.542	508.523	508.551	508.480	508.435	---	---	2
3	---	---	---	---	---	508.541	508.523	508.547	---	---	508.436	---	3
4	---	---	---	---	---	508.545	508.523	508.537	508.476	---	---	---	4
5	---	---	---	---	---	508.545	508.521	508.542	---	508.455	508.434	---	5
6	---	---	---	---	508.561	---	508.537	508.540	508.474	---	508.434	---	6
7	---	---	---	---	508.561	---	508.574	508.536	508.472	508.449	---	---	7
8	---	---	---	---	508.557	508.543	508.589	508.534	---	508.455	---	---	8
9	---	---	---	---	---	508.539	508.575	508.536	---	508.459	508.444	---	9
10	---	---	---	---	---	508.538	508.573	508.548	---	---	508.444	---	10
11	---	---	---	---	508.547	508.539	508.571	508.556	508.482	---	---	---	11
12	---	---	---	---	508.543	508.539	508.588	508.536	---	---	508.444	---	12
13	---	---	---	---	508.541	---	508.568	508.532	---	508.445	508.444	---	13
14	---	---	---	---	508.543	---	508.588	508.532	508.458	508.445	---	---	14
15	---	---	---	---	508.539	508.537	508.558	508.532	508.452	508.443	---	---	15
16	---	---	---	---	---	508.524	508.584	508.541	508.459	508.443	508.444	---	16
17	---	---	---	---	---	---	508.584	508.537	508.470	---	---	---	17
18	---	---	---	---	---	508.528	508.586	508.533	508.468	---	---	---	18
19	---	---	---	---	508.521	508.524	508.586	508.527	---	508.438	---	---	19
20	---	---	---	---	508.524	---	508.584	508.521	---	508.432	---	---	20
21	---	---	---	---	508.522	---	508.564	508.520	508.462	508.434	---	---	21
22	---	---	---	---	508.518	---	508.556	508.517	---	508.438	---	---	22
23	---	---	---	---	---	508.526	508.558	508.517	508.458	508.434	---	---	23
24	---	---	---	---	---	508.528	508.583	508.507	508.458	---	---	---	24
25	---	---	---	---	508.508	508.528	508.582	508.503	508.457	---	---	---	25
26	---	---	---	---	---	508.524	508.581	508.509	---	---	---	---	26
27	---	---	---	---	508.508	---	508.567	508.507	---	508.440	---	---	27
28	---	---	---	508.571	508.508	---	508.565	508.503	508.448	508.442	---	---	28
29	---		---	---	508.522	508.518	508.563	508.511	508.445	508.440	---	---	29
30	---		---	---	---	508.513	508.549	508.509	508.441	508.440	---	---	30
31	---		---	---	---		508.559	508.493		---		---	31
MEAN	---	---	---	---	---	---	508.558	508.528	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	508.575	508.557	---	---	---	---	MAX
MIN	---	---	---	---	---	---	508.521	508.493	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 508.575 ON JUL 9
MINIMUM DAILY, 508.432 ON OCT 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 38 23 N
LONG 101 38 43 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAGNUSSON CREEK NEAR WYNYARD - STATION NO. 05MA021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0378	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.0398	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.0668	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.2208	0	0	0	0	0	0	---	---	4
5	---	---	0.0318	0.4078	0	0	0	0	0	0	---	---	5
6	---	---	0.3418	0.341	0	0	0	0	0	0	---	---	6
7	---	---	1.05 B	0.223	0	0	0	0	0	0	---	---	7
8	---	---	0.8548	0.145	0	0	0	0	0	0	---	---	8
9	---	---	0.2118	0.083	0	0	0	0	0	0	---	---	9
10	---	---	0.0548	0.037	0	0	0	0	0	0	---	---	10
11	---	---	0.0348	0.028	0	0	0	0	0	0	---	---	11
12	---	---	0.0038	0.018	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.008	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.003	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.0018	0	0	0	0	0	0	0	---	---	20
21	---	---	0.0028	0	0	0	0	0	0	0	---	---	21
22	---	---	0.4438	0	0	0	0	0	0	0	---	---	22
23	---	---	0.4338	0	0	0	0	0	0	0	---	---	23
24	---	---	0.2788	0	0	0	0	0	0	0	---	---	24
25	---	---	0.2148	0	0	0	0	0	0	0	---	---	25
26	---	---	0.1858	0	0	0	0	0	0	0	---	---	26
27	---	---	0.1128	0	0	0	0	0	0	0	---	---	27
28	---	---	0.0828	0	0	0	0	0	0	0	---	---	28
29	---		0.0648	0	0	0	0	0	0	0	---	---	29
30	---		0.0758	0	0	0	0	0	0	0	---	---	30
31	---		0.0498		0		0	0		0		---	31
TOTAL	---	---	4.277	1.854	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.138	0.085	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.05	0.407	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.026
MAXIMUM DAILY, 1.058 ON MAR 7
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
1.438 AT 14:38 CST ON MAR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 52 N
LONG 104 12 07 W
DRAINAGE AREA, 121 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	370	SEP	0
APR	143	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 513 dam³

MAKWA LAKE NEAR LOON LAKE - STATION NO. 06AD014

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	524.302	524.196	524.188	524.156	524.085	---	---	1
2	---	---	---	---	---	524.297	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	524.288	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	524.288	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	524.136	524.076	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	524.209	524.185	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	524.208	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	524.320	---	---	---	---	---	---	---	14
15	---	---	---	---	---	524.241	524.205	524.170	524.132	524.052	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	524.306	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	524.198	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	524.294	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	524.187	---	---	---	---	---	27
28	---	---	---	---	---	524.197	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	524.285	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 04 48 N
LONG 109 12 23 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAKWA RIVER AT OUTLET OF MAKWA LAKE - STATION NO. 05AD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.557	0.560	3.07	2.15	0.481	0.418	0.143	0.086	---	---	1
2	---	---	0.557	0.557	3.21	1.84 A	0.481	0.430	0.138	0.079	---	---	2
3	---	---	0.557	0.560	3.37	1.72 A	0.469	0.438	0.137	0.073	---	---	3
4	---	---	0.557	0.582	3.32	1.53 A	0.444	0.423A	0.140	0.081	---	---	4
5	---	---	0.557A	0.621	3.40	1.44 A	0.443	0.401A	0.129	0.088	---	---	5
6	---	---	0.557	0.674	3.28	1.44 A	0.458	0.383	0.123	0.080	---	---	6
7	---	---	0.559	0.777	3.28	1.37 A	0.487	0.375	0.113	0.065	---	---	7
8	---	---	0.548	0.814	3.15	1.30 A	0.484	0.380A	0.103	0.051	---	---	8
9	---	---	0.530	0.998	2.90	1.27 A	0.596	0.347A	0.108	0.045	---	---	9
10	---	---	0.538	1.13	3.01	1.31 A	0.822	0.320	0.110	0.041	---	---	10
11	---	---	0.537B	1.21	2.85	1.42	0.588	0.378	0.111	0.039	---	---	11
12	---	---	0.520	1.36	2.83	1.42	0.592	0.408A	0.105	0.040	---	---	12
13	---	---	0.531	1.45	2.86	1.41	0.831	0.364A	0.101	0.044	---	---	13
14	---	---	0.544	1.55	2.47	1.18	0.584	0.310A	0.095	0.038	---	---	14
15	---	---	0.563	1.63	2.46	0.989	0.893	0.[illegible]7A	0.091	0.035	---	---	15
16	---	---	0.568	1.75	2.28	1.04	0.588	0.288A	0.091	0.034	---	---	16
17	---	---	0.547	1.87	2.20	1.04	0.505	0.246	0.136	0.034	---	---	17
18	---	---	0.534B	2.07	2.08	0.937	0.462	0.231	0.196	0.032	---	---	18
19	---	---	0.559B	2.24	2.05	0.884	0.477	0.223	0.181	0.032	---	---	19
20	---	---	0.570B	2.31	2.10	0.783	0.527	0.215	0.171	0.032	---	---	20
21	---	---	0.578B	2.41	1.96	0.834	0.486	0.238	0.162	0.033	---	---	21
22	---	---	0.580B	2.67	1.95	0.894	0.477	0.214	0.156	0.033	---	---	22
23	---	---	0.584B	2.73	1.92	0.871	0.486	0.209	0.157	0.034	---	---	23
24	---	---	0.559B	2.79	1.89	0.806	0.487	0.208	0.144	0.034	---	---	24
25	---	---	0.584B	2.93	1.84	0.636	0.481	0.202	0.144	0.034	---	---	25
26	---	---	0.554B	3.04	1.77	0.800	0.481	0.181	0.139	0.034A	---	---	26
27	---	---	0.580B	3.03	1.85	0.548	0.428	0.186	0.135	0.034E	---	---	27
28	---	---	0.582B	3.08	1.73	0.570	0.420	0.181	0.127	0.034E	---	---	28
29	---		0.556	3.01	1.64	0.517	0.447	0.171	0.108	0.034E	---	---	29
30	---		0.560	3.08	1.68A	0.524	0.424	0.156	0.111	0.034E	---	---	30
31	---		0.558		1.68A		0.413	0.149		0.034E		---	31
TOTAL	---	---	17.145	53.553	78.45	33.234	15.508	8.938	3.900	1.371	---	---	TOTAL
MEAN	---	---	0.553	1.78	2.47	1.11	0.500	0.288	0.130	0.044	---	---	MEAN
MAX	---	---	0.678	3.08	3.40	2.15	0.831	0.438	0.196	0.086	---	---	MAX
MIN	---	---	0.520	0.557	1.85	0.517	0.413	0.149	0.091	0.032	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.658
MAXIMUM DAILY, 3.40 ON MAY 5
MINIMUM DAILY, 0.032 ON OCT 18
MAXIMUM INSTANTANEOUS,
3.63 AT 22:03 CST ON MAY 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 40 N
LONG 109 12 00 W
DRAINAGE AREA, 1 420 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 340
FEB	---	AUG	772
MAR	1 480	SEP	337
APR	4 630	OCT	118
MAY	6 810	NOV	---
JUN	2 870	DEC	---

TOTAL DISCHARGE, 18 200 dam³

MAKWA RIVER AT RAPID VIEW - STATION NO. 05AD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.598B	0.807B	5.53	2.27	0.827	0.556	0.300	0.380	---	---	1
2	---	---	0.598B	0.823B	5.40	2.17	0.791	0.530	0.295	0.382	---	---	2
3	---	---	0.598B	0.898B	5.23	2.34	0.802	0.512	0.291	0.325	---	---	3
4	---	---	0.598B	1.00 B	5.18	2.26	0.755	0.503	0.287	0.350	---	---	4
5	---	---	0.598B	1.40 B	5.24	2.13	0.738	0.526	0.284	0.380	---	---	5
6	---	---	0.598B	2.88 B	5.03	2.11	0.711	0.511	0.281	0.374	---	---	6
7	---	---	0.598B	3.99 B	4.82	1.97	0.683	0.480	0.278	0.390	---	---	7
8	---	---	0.598B	3.85 B	4.84	1.81	0.807	0.457	0.271	0.410	---	---	8
9	---	---	0.598B	4.70 B	4.44	1.76	0.778	0.447	0.268	0.430	---	---	9
10	---	---	0.598B	6.52 B	4.38	1.76	0.789	0.440	0.264	0.445	---	---	10
11	---	---	0.598B	10.7 B	4.23	1.77	0.728	0.500	0.261	0.438	---	---	11
12	---	---	0.598B	17.3 B	4.18	1.89	0.687	0.487	0.259	0.425	---	---	12
13	---	---	0.598B	25.1	4.04	1.83	0.650	0.448	0.256	0.425	---	---	13
14	---	---	0.598B	22.5	3.88	1.54	0.689	0.410	0.254	0.408	---	---	14
15	---	---	0.598B	20.0	3.78	1.42	0.754	0.455	0.252	0.390	---	---	15
16	---	---	0.598B	17.9	3.51	1.34	0.781	0.442	0.250	0.448	---	---	16
17	---	---	0.598B	16.0	3.33	1.25	0.737	0.424	0.248	0.479	---	---	17
18	---	---	0.598B	14.4	3.08	1.12	0.737	0.404	0.248	0.470	---	---	18
19	---	---	0.598B	13.2	3.00	1.06	0.801	0.378	0.247	0.450	---	---	19
20	---	---	0.598B	12.1	3.09	1.08	0.885	0.384	0.246	0.441	---	---	20
21	---	---	0.598B	10.6	2.98	1.08	0.838	0.368	0.245	0.432	---	---	21
22	---	---	0.598B	9.71	2.85	0.956	0.786	0.347	0.245	0.431	---	---	22
23	---	---	0.598B	8.92	2.76	0.800	0.827	0.325	0.245	0.423	---	---	23
24	---	---	0.598B	8.11	2.75	0.859	0.788	0.343	0.324	0.417	---	---	24
25	---	---	0.598B	7.83	2.61	0.830	0.728	0.330	0.382	0.410	---	---	25
26	---	---	0.598B	7.25	2.49	0.802	0.712	0.341	0.348	0.451A	---	---	26
27	---	---	0.600B	8.83	2.38	0.828	0.685	0.330	0.407	0.452E	---	---	27
28	---	---	0.650B	6.31	2.38	0.890	0.687	0.323	0.422	0.452E	---	---	28
29	---		0.722B	5.98	2.35	0.821	0.685	0.320	0.387	0.452E	---	---	29
30	---		0.782B	5.77	2.33	0.847	0.598	0.312	0.362	0.452E	---	---	30
31	---		0.796B		2.31		0.583	0.308		0.452E		---	31
TOTAL	---	---	19.048	273.259	114.29	43.253	22.687	12.901	8.716	13.023	---	---	TOTAL
MEAN	---	---	0.614	9.11	3.69	1.44	0.732	0.416	0.291	0.420	---	---	MEAN
MAX	---	---	0.796	25.1	5.53	2.34	0.885	0.556	0.422	0.479	---	---	MAX
MIN	---	---	0.598	0.807	2.31	0.802	0.583	0.308	0.245	0.325	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.07
MAXIMUM DAILY, 25.1 ON APR 13
MINIMUM DAILY, 0.245 ON SEP 21
MAXIMUM INSTANTANEOUS,
25.7 AT 00:45 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 50 N
LONG 108 48 20 W
DRAINAGE AREA, 2 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 860
FEB	---	AUG	1 110
MAR	1 650	SEP	753
APR	23 600	OCT	1 130
MAY	9 870	NOV	---
JUN	3 740	DEC	---

TOTAL DISCHARGE, 43 800 dam³

MALONECK CREEK NEAR PELLY - STATION NO 05LE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0108	0.213	0.247	0.033	0.032	0.001E	0.004E	0.180	---	1
2	---	---	0 B	0.0098	0.198	0.305	0.047	0.020	0.001E	0.004E	0.226	---	2
3	---	---	0 B	0.3458	0.181	0.346	0.108	0.014	0.001E	0.004E	0.239	---	3
4	---	---	0 B	1.67 B	0.167	0.382	0.044	0.011	0.001E	0.008E	0.200A	---	4
5	---	---	0 B	5.78 B	0.155	0.376	0.026	0.010	0.001E	0.007E	---	---	5
6	---	---	0 B	5.54 B	0.148	0.348	0.233	0.013	0.001E	0.008E	---	---	6
7	---	---	0 B	8.29 B	0.134	0.320	0.347	0.015	0.001E	0.005E	---	---	7
8	---	---	0 B	9.23 B	0.124	0.267	0.483	0.010	0.001E	0.010E	---	---	8
9	---	---	0.0018	7.11	0.114	0.193	0.556	0.004	0.001A	0.010E	---	---	9
10	---	---	0.0038	5.05	0.107	0.140	0.453	0.027	0.001	0.010E	---	---	10
11	---	---	0.0058	3.37	0.105	0.144	0.405	0.053	0.001	0.010E	---	---	11
12	---	---	0.0058	2.63	0.088	0.119	0.338	0.030	0.001	0.010E	---	---	12
13	---	---	0.0058	2.04	0.078	0.100	0.301	0.027	0.001	0.011A	---	---	13
14	---	---	0.0058	1.58	0.088	0.078	0.224	0.038	0	0.008	---	---	14
15	---	---	0.0058	1.28	0.080	0.098	0.205	0.044	0.001	0.042	---	---	15
16	---	---	0.0058	1.16	0.078	0.084	0.348	0.042	0.001	0.101	---	---	16
17	---	---	0.0058	1.03	0.078	0.104	0.284	0.040	0.007	0.123	---	---	17
18	---	---	0.0058	0.986	0.075	0.078	0.282	0.038	0.005	0.128	---	---	18
19	---	---	0.0058	0.872	0.088	0.080	0.310	0.087	0.005	0.123	---	---	19
20	---	---	0.0058	0.755	0.070	0.035	0.251	0.078	0.005	0.118	---	---	20
21	---	---	0.0108	0.658	0.068	0.078	0.220	0.084	0.005	0.118	---	---	21
22	---	---	0.0288	0.593	0.067	0.073	0.215	0.051	0.005	0.113	---	---	22
23	---	---	0.0388	0.545	0.065	0.071	0.200	0.045	0.008	0.108	---	---	23
24	---	---	0.0328	0.419	0.055	0.147	0.158	0.037	0.005	0.101	---	---	24
25	---	---	0.0118	0.397	0.072	0.105	0.128	0.024	0.005A	0.103	---	---	25
26	---	---	0.0038	0.356	0.084	0.071	0.105	0.020	0.005E	0.125	---	---	26
27	---	---	0.0018	0.320	0.058	0.039	0.088	0.015	0.005E	0.128	---	---	27
28	---	---	0.0098	0.285	0.325	0.020	0.087	0.013	0.005E	0.140	---	---	28
29	---		0.0038	0.254	0.214	0.015	0.057	0.006	0.005E	0.148	---	---	29
30	---		0.0038	0.220	0.159	0.014	0.044	0.002	0.005E	0.144	---	---	30
31	---		0.0138		0.159		0.039	0.001A		0.148		---	31
TOTAL	---	---	0.303	83.777	3.889	4.444	6.573	0.888	0.055	2.114	---	---	TOTAL
MEAN	---	---	0.007	2.13	0.118	0.148	0.212	0.029	0.003	0.088	---	---	MEAN
MAX	---	---	0.038	9.23	0.325	0.382	0.556	0.076	0.007	0.148	---	---	MAX
MIN	---	---	0	0.009	0.055	0.014	0.028	0.001	0	0.004	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.334
MAXIMUM DAILY, 9.238 ON APR 8
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
12.18 AT 16:24 CST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 08 N
LONG 101 54 50 W
DRAINAGE AREA, 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	588
FEB	---	AUG	76.7
MAR	17.5	SEP	8.21
APR	5 510	OCT	183
MAY	319	NOV	---
JUN	384	DEC	---

TOTAL DISCHARGE, 7 070 dam³

MANITO LAKE NEAR MARSDEN - STATION NO. 05GA006

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	24.329	---	---	---	1
2	---	---	---	---	---	---	---	---	24.328	---	---	---	2
3	---	---	---	---	---	---	---	---	24.326	---	---	---	3
4	---	---	---	---	---	---	---	---	24.327	---	---	---	4
5	---	---	---	---	---	---	---	---	24.327	---	---	---	5
6	---	---	---	---	---	---	---	---	24.323	---	---	---	6
7	---	---	---	---	---	---	---	24.357	24.321	---	---	---	7
8	---	---	---	---	---	---	---	24.352	24.318	---	---	---	8
9	---	---	---	---	---	---	---	24.352	24.316	---	---	---	9
10	---	---	---	---	---	---	---	24.357	24.314	---	---	---	10
11	---	---	---	---	---	---	---	24.358	24.311	---	---	---	11
12	---	---	---	---	---	---	---	24.360	24.308	---	---	---	12
13	---	---	---	---	---	---	---	24.358	24.312	---	---	---	13
14	---	---	---	---	---	---	---	24.357	24.298	---	---	---	14
15	---	---	---	---	---	---	---	24.354	24.294	---	---	---	15
16	---	---	---	---	---	---	---	24.353	24.288	---	---	---	16
17	---	---	---	---	---	---	---	24.351	24.285	---	---	---	17
18	---	---	---	---	---	---	---	24.349	24.281	---	---	---	18
19	---	---	---	---	---	---	---	24.347	24.280	---	---	---	19
20	---	---	---	---	---	---	---	24.344	---	---	---	---	20
21	---	---	---	---	---	---	---	24.341	---	---	---	---	21
22	---	---	---	---	---	---	---	24.338	---	---	---	---	22
23	---	---	---	---	---	---	---	24.338	---	---	---	---	23
24	---	---	---	---	---	---	---	24.332	---	---	---	---	24
25	---	---	---	---	---	---	---	24.330	---	---	---	---	25
26	---	---	---	---	---	---	---	24.329	---	---	---	---	26
27	---	---	---	---	---	---	---	24.327	---	---	---	---	27
28	---	---	---	---	---	---	---	24.325	---	---	---	---	28
29	---		---	---	---	---	---	24.323	---	---	---	---	29
30	---		---	---	---	---	---	24.321	---	24.152	---	---	30
31	---		---	24.384	---	---	---	24.320	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 47 33 N
LONG 109 47 14 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NATURAL FLOW

MAPLE CREEK BELOW JUNCTION RESERVOIR - STATION NO 05HA075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0618	0.0108	1.33	0.007	0.008	0.023	0.030	0.004	0.001	---	---	1
2	---	0.0618	0.0108	1.32	0.006	0.007	0.017	0.012	0.004	0.001	---	---	2
3	---	0.0618	0.0118	1.33	0.005	0.007	0.016	0.010	0.003	0.001	---	---	3
4	---	0.0618	0.0128	1.35	0.884	0.007	0.016	0.010	0.003	0.001	---	---	4
5	---	0.0618	0.0168	1.35	1.63	0.007	0.021	0.008	0.003	0.001	---	---	5
6	---	0.0618	0.0288	1.35	1.84	0.008	0.317	0.007	0.006	0.001	---	---	6
7	---	0.0618	0.0248	1.35	1.87	0.008	0.817	0.007	0.005	0.001	---	---	7
8	---	0.0618	0.0248	1.34	1.70	0.008	0.827	0.006	0.004	0.001	---	---	8
9	---	0.0618	0.0228	1.67	1.78	0.010	0.816	0.006	0.004	0.001	---	---	9
10	---	0.0618	0.0188	1.87	1.82	0.010	1.25	0.008	0.004	0.002	---	---	10
11	---	0.0148	0.0158	1.86	1.88	0.010	2.38	0.008	0.004	0.002	---	---	11
12	---	0.0138	0.0128	1.84	1.94	0.010	2.30	0.006	0.002	0.002	---	---	12
13	---	0.0128	0.0108	1.83	2.00	0.008	2.36	0.006	0.001	0.003	---	---	13
14	---	0.0128	0.0148	1.82	2.03	0.007	2.45	0.009	0	0.003	---	---	14
15	---	0.0128	0.0118	1.84	2.10	0.008	2.44	0.014	0.001	0.003	---	---	15
16	---	0.0118	0.0128	1.87	2.16	0.008	2.46	0.008	0.004	0.004	---	---	16
17	---	0.0128	0.0138	1.86	2.17	0.008	2.46	0.007	0.004	0.005	---	---	17
18	---	0.0128	0.0138	1.88	2.21	0.007	2.06	0.007	0.005	0.004	---	---	18
19	---	0.0118	0.0138	1.90	1.86	0.008	1.83	0.006	0.005	0.003	---	---	19
20	---	0.0118	0.0128	1.31	1.83	0.013	1.82	0.006	0.004	0.003	---	---	20
21	---	0.0118	0.0118	0.850	1.87	0.014	1.31	0.006	0.004	0.004	---	---	21
22	---	0.0118	0.0148	0.675	1.82	0.012	1.04	0.006	0.004	0.003	---	---	22
23	---	0.0118	0.0108	0.688	1.87	0.012	1.05	0.006	0.003	0.003	---	---	23
24	---	0.0118	0.0088	0.471	2.02	0.013	1.07	0.013	0.002	0.004	---	---	24
25	---	0.0128	0.0088	0.012	1.56	0.018	1.07	0.013	0.003	0.004	---	---	25
26	---	0.0128	0.0098	0.010	1.17	0.014	1.04	0.011	0.002	0.002	---	---	26
27	---	0.0138	0.0128	0.008	0.893	0.010	1.08	0.008	0.003	0.002	---	---	27
28	---	0.0128	0.0128	0.007	0.012	0.015	1.04	0.008	0.003	0.003A	---	---	28
29	---		0.004	0.008	0.008	0.019	0.944	0.008	0.002	0.003E	---	---	29
30	---		0.475	0.008	0.006	0.021	0.028	0.008	0.001	0.003E	---	---	30
31	---		1.33		0.007		0.027	0.006		0.003E	---	---	31
TOTAL	---	0.823	2.197	34.803	42.571	0.316	36.189	0.283	0.088	0.077	---	---	TOTAL
MEAN	---	0.029	0.071	1.16	1.37	0.011	1.17	0.009	0.003	0.002	---	---	MEAN
MAX	---	0.061	1.33	1.90	2.21	0.021	2.46	0.030	0.006	0.005	---	---	MAX
MIN	---	0.011	0.008	0.008	0.006	0.007	0.016	0.006	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.430
MAXIMUM DAILY, 2.46 ON JUL 16
MINIMUM DAILY, 0 ON SEP 14
MAXIMUM INSTANTANEOUS,
2.51 AT 17 15 CST ON JUL 13

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 52 N
LONG 109 31 23 W
DRAINAGE AREA, 1 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 130
FEB	71 1	AUG	22 7
MAR	190	SEP	8 47
APR	3 010	OCT	6 65
MAY	3 680	NOV	---
JUN	27 3	DEC	---

TOTAL DISCHARGE, 10 100 dam³

MARBAN LAKE NEAR CHELAN - STATION NO 05LB012

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	532.518	---	532.480	---	---	---	---	1
2	---	---	---	---	---	532.515	532.478	532.480	532.388	---	---	---	2
3	---	---	---	---	---	532.526	532.478	---	---	---	---	---	3
4	---	---	---	---	532.583	532.525	532.478	532.480	532.388	---	---	---	4
5	---	---	---	---	532.583	532.534	532.478	---	532.384	---	---	---	5
6	---	---	---	---	532.550	532.526	532.501	532.481	---	---	---	---	6
7	---	---	---	---	532.552	532.524	---	532.443	532.389	---	532.288	---	7
8	---	---	---	---	532.544	532.524	532.501	532.441	---	---	---	---	8
9	---	---	---	---	532.548	532.516	532.500	---	---	---	---	---	9
10	---	---	---	---	532.548	---	---	---	---	---	---	---	10
11	---	---	---	---	---	532.516	532.500	---	---	---	---	---	11
12	---	---	---	---	---	---	532.500	532.428	---	---	---	---	12
13	---	---	---	---	---	532.514	532.495	532.428	---	---	---	---	13
14	---	---	---	---	532.545	532.511	532.490	---	---	---	---	---	14
15	---	---	---	---	---	532.503	532.490	---	---	---	---	---	15
16	---	---	---	---	---	532.495	532.490	532.432	532.385	---	---	---	16
17	---	---	---	---	---	---	532.489	532.427	---	---	---	---	17
18	---	---	---	---	---	---	532.484	532.427	---	---	---	---	18
19	---	---	---	---	532.530	532.501	532.484	532.427	---	---	---	---	19
20	---	---	---	---	532.530	532.489	---	532.422	---	---	---	---	20
21	---	---	---	---	532.518	532.474	532.481	---	---	---	---	---	21
22	---	---	---	---	532.518	532.472	532.484	532.432	---	---	---	---	22
23	---	---	---	---	532.518	532.472	532.484	532.412	---	---	---	---	23
24	---	---	---	---	---	---	532.484	532.409	---	---	---	---	24
25	---	---	---	---	532.508	532.472	532.479	---	---	---	---	---	25
26	---	---	---	---	---	532.467	532.480	---	---	---	---	---	26
27	---	---	---	---	532.508	532.467	532.480	532.403	---	---	---	---	27
28	---	---	---	532.569	532.505	532.472	---	532.408	---	---	---	---	28
29	---		---	---	532.515	---	---	532.408	---	---	---	---	29
30	---		---	---	532.518	---	532.485	532.408	532.333	---	---	---	30
31	---		---		532.515		532.480	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 57 N
LONG 103 34 29 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MCDONALD CREEK NEAR MCCORD - STATION NO. 05JA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.0018	0.1388	0.001	0	0	0	0	0	---	---	1
2	---	0 B	0.0028	0.0888	0.001	0	0	0	0	0	---	---	2
3	---	0 B	0.0178	0.1878	0.002	0	0	0	0	0	---	---	3
4	---	0 B	0.0288	0.181	0.002	0	0	0	0	0	---	---	4
5	---	0 B	0.0038	0.107	0.001	0	0	0	0	0	---	---	5
6	---	0 B	0.0038	0.068	0.001	0	0	0	0	0	---	---	6
7	---	0 B	0.0018	0.049	0.001	0	0	0	0	0	---	---	7
8	---	0 B	0.0018	0.037	0.001	0	0	0	0	0	---	---	8
9	---	0 B	0.0048	0.031	0	0	0	0	0	0	---	---	9
10	---	0 B	0.0038	0.027	0	0	0	0	0	0	---	---	10
11	---	0 B	0.0018	0.026	0	0	0	0	0	0	---	---	11
12	---	0.0018	0.0038	0.024	0	0	0	0	0	0	---	---	12
13	---	0.0018	0.0038	0.018	0	0	0	0	0	0	---	---	13
14	---	0.0028	0 B	0.016	0	0	0	0	0	0	---	---	14
15	---	0.0048	0.0018	0.012	0	0	0	0	0	0	---	---	15
16	---	0.0028	0.0018	0.009	0	0	0	0.048	0	0	---	---	16
17	---	0.0018	0.0018	0.006	0	0	0	0.196	0	0	---	---	17
18	---	0.0018	0.0018	0.006	0	0	0	0.089	0	0	---	---	18
19	---	0.0058	0.0018	0.005	0	0	0	0.049	0	0	---	---	19
20	---	0.0078	0.0018	0.005	0	0	0	0.014	0	0	---	---	20
21	---	0.0088	0.0018	0.003	0	0	0	0.008	0	0	---	---	21
22	---	0.0058	0.0018	0.003	0	0	0	0.007	0	0	---	---	22
23	---	0.0038	0 B	0.003	0	0	0	0.005	0	0	---	---	23
24	---	0.0028	0 B	0.002	0	0	0	0.004	0	0	---	---	24
25	---	0.0018	0 B	0.002	0	0	0	0.003	0	0	---	---	25
26	---	0.0018	0.0018	0.001	0.001	0	0	0.003	0	0	---	---	26
27	---	0.0018	0.0018	0.001	0.001	0	0	0.002	0	0	---	---	27
28	---	0.0018	0.0028	0.001	0.001	0	0	0.001	0	0	---	---	28
29	---		0.2228	0.001	0.001	0	0	0.001	0	0 A	---	---	29
30	---		0.2278	0.001	0	0	0	0.001	0	0 E	---	---	30
31	---		0.1268		0		0.001	0.001		0.001E		---	31
TOTAL	---	0.044	0.855	1.080	0.016	0	0.001	0.380	0	0.001	---	---	TOTAL
MEAN	---	0.002	0.021	0.035	0	0	0	0.013	0	0	---	---	MEAN
MAX	---	0.007	0.227	0.187	0.002	0	0.001	0.196	0	0.001	---	---	MAX
MIN	---	0	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.2278 ON MAR 30
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.5718 AT 17:09 CST ON MAR 29

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 14 N
LONG 106 50 05 W
DRAINAGE AREA, 258 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.09
FEB	3.80	AUG	33.7
MAR	56.7	SEP	0
APR	91.8	OCT	0.09
MAY	1.21	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 187 dam³

MCDONALD TRIBUTARY NEAR TOTNES - STATION NO. 05NF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0188	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.012	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.011	0	0	0	0	0	0	---	---	3
4	---	---	0.0028	0.011	0	0	0	0	0	0	---	---	4
5	---	---	0.0088	0.011	0	0	0	0	0	0	---	---	5
6	---	---	0.0078	0.012	0	0	0	0	0	0	---	---	6
7	---	---	0.0048	0.011	0	0	0	0	0	0	---	---	7
8	---	---	0.0038	0.008	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.008	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.004	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.004	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.004	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.003	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.004	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.004	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.004	0	0	0	0	0	0	---	---	16
17	---	---	0.0068	0.003	0	0	0	0	0	0	---	---	17
18	---	---	0.0088	0.010	0	0	0	0	0	0	---	---	18
19	---	---	0.0028	0.008	0	0	0	0	0	0	---	---	19
20	---	---	0.0038	0.004	0	0	0	0	0	0	---	---	20
21	---	---	0.0048	0.003	0	0	0	0	0	0	---	---	21
22	---	---	0.0038	0.002	0	0	0	0	0	0	---	---	22
23	---	---	0.0038	0.002	0	0	0	0	0	0	---	---	23
24	---	---	0.0048	0.002	0	0	0	0	0	0	---	---	24
25	---	---	0.0108	0.002	0	0	0	0	0	0	---	---	25
26	---	---	0.1078	0.001	0	0	0	0	0	0	---	---	26
27	---	---	0.0488	0.001	0	0	0	0	0	0	---	---	27
28	---	---	0.0118	0.001	0	0	0	0	0	0	---	---	28
29	---		0.0088	0	0	0	0	0	0	0	---	---	29
30	---		0.0188	0	0	0	0	0	0	0	---	---	30
31	---		0.0178		0		0	0		0		---	31
TOTAL	---	---	0.288	0.187	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.009	0.006	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.107	0.018	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.1078 ON MAR 26
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.1858 AT 09:07 CST ON MAR 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 04 N
LONG 106 28 56 W
DRAINAGE AREA, 48.1 km²

B - ICE CONDITIONS

REGULATED SINCE 1987

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	23.2	SEP	0
APR	14.4	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 37.6 dam³

MCKINNON DITCH NEAR CONSUL - STATION NO 11AB044

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.288	0	0	0	0	---	---	1
2	---	---	0	0	0	0.107	0	0	0	0	---	---	2
3	---	---	0	0	0	0.001	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0.181A	0	0	0	0	0	---	---	18
19	---	---	0	0	0.984	0	0	0	0	0	---	---	19
20	---	---	0	0	1.39	0	0	0	0	0	---	---	20
21	---	---	0	0	1.50	0	0	0	0	0	---	---	21
22	---	---	0	0	1.55	0	0	0	0	0	---	---	22
23	---	---	0	0	1.56	0	0	0	0	0	---	---	23
24	---	---	0	0	1.56	0	0	0	0	0	---	---	24
25	---	---	0	0	1.57	0	0	0	0	0	---	---	25
26	---	---	0	0	1.45	0	0	0	0	0	---	---	26
27	---	0	0	0	1.20	0	0	0	0	0	---	---	27
28	---	0	0	0	0.478	0	0	0	0	0	---	---	28
29	---		0	0	0.293	0	0	0	0	0	---	---	29
30	---		0	0	0.291	0	0	0	0	0	---	---	30
31	---		0		0.288		0	0		0		---	31
TOTAL	---	---	0	0	14.285	0.396	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.461	0.013	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	1.57	0.288	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 060
MAXIMUM DAILY, 1.57 ON MAY 25
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 00 N
LONG 109 29 40 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 230	NOV	---
JUN	34.2	DEC	---

TOTAL DISCHARGE, 1 260 dam³

MEADOW RIVER BELOW MEADOW LAKE - STATION NO 05AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6688	0.3758	0.5288	0.6318	5.52	0.866	0.511	0.753	0.549	0.186	0.115	0.0658	1
2	0.6698	0.3618	0.5348	0.6378	5.32	0.927	0.578	0.578	0.498	0.215	0.121	0.0628	2
3	0.6488	0.3638	0.5418	0.6148	4.87	1.09	0.558	0.609	0.413	0.193	0.089	0.0608	3
4	0.6538	0.3428	0.5488	0.6558	4.90	1.21	0.548	0.624	0.480	0.126	0.091	0.0798	4
5	0.6538	0.3478	0.5568	0.757	4.48	1.23	0.611	0.568	0.486	0.153	0.116	0.0748	5
6	0.6398	0.3458	0.5508	0.932	4.48	1.01	0.626	0.556	0.373	0.144	0.116	0.0708	6
7	0.6118	0.3418	0.5468	1.25	4.45	0.881	0.693	0.516	0.415	0.235	0.099	0.0718	7
8	0.5778	0.3468	0.5348	1.61	3.87	1.03	0.701	0.507	0.436	0.105	0.110	0.0758	8
9	0.5568	0.3568	0.5328	2.01	4.01	1.10	0.646	0.534	0.447	0.150	0.114	0.0718	9
10	0.5428	0.3558	0.5348	2.66	3.78	1.01	0.648	0.525	0.470	0.148	0.097	0.0688	10
11	0.5368	0.3818	0.5428	3.15	3.78	0.884	0.674	0.589	0.487	0.150	0.102	0.0688	11
12	0.5288	0.3708	0.5508	3.86	3.48	0.906	0.658	0.557	0.479	0.119	0.093	0.0698	12
13	0.5228	0.3818	0.5448	4.17	3.04	0.820	0.653	0.578	0.447	0.047	0.109	0.0658	13
14	0.4968	0.3908	0.5558	4.62	3.38	0.730	0.748	0.589	0.430	0.129	0.114	0.0858	14
15	0.5038	0.4008	0.5808	4.88	2.83	0.785	0.729	0.606	0.428	0.134	0.1048	0.0638	15
16	0.5028	0.4158	0.5598	5.07	2.92	0.814	0.722	0.571	0.377	0.137	0.1088	0.0658	16
17	0.5128	0.4238	0.5708	5.18	2.94	0.557	0.695	0.538	0.370	0.088	0.1088	0.0618	17
18	0.5248	0.4288	0.5738	5.22	2.95	0.579	0.787	0.535	0.382	0.053	0.1048	0.0688	18
19	0.5158	0.4308	0.5798	5.31	2.39	0.593	0.787	0.537	0.362	0.085	0.1018	0.0668	19
20	0.5108	0.4328	0.6068	5.46	2.31	0.815	0.773	0.583	0.375	0.107	0.0988	0.0678	20
21	0.4988	0.4518	0.6178	5.38	2.38	0.632	0.841	0.522	0.340	0.086	0.0948	0.0638	21
22	0.4878	0.4548	0.6238	5.41	2.31	0.503	0.834	0.580	0.323	0.093	0.0928	0.0568	22
23	0.4868	0.4588	0.6428	5.54	2.11	0.460	0.789	0.589	0.315	0.118	0.0908	0.0528	23
24	0.4628	0.4698	0.6378	5.58	2.05	0.315	0.834	0.558	0.319	0.120	0.0828	0.0488	24
25	0.4498	0.4788	0.6308	5.54	1.97	0.424	0.862	0.578	0.298	0.083	0.0928	0.0438	25
26	0.4478	0.4868	0.6038	5.28	1.92	0.428	0.886	0.574	0.275	0.086	0.0918	0.0418	26
27	0.4348	0.4868	0.6458	5.63	1.78	0.389	0.781	0.585	0.248	0.105	0.0898	0.0368	27
28	0.4288	0.5098	0.6858	5.49	1.68	0.420	0.842	0.531	0.217	0.121	0.0868	0.0338	28
29	0.4138		0.6868	5.65	1.60	0.453	0.749	0.434	0.239	0.111	0.0898	0.0318	29
30	0.4038		0.6068	5.37	1.78	0.513	0.785	0.531	0.184	0.126	0.0898	0.0348	30
31	0.3948		0.5228		1.62		0.797	0.486		0.158		0.0328	31
TOTAL	16.252	11.356	17.838	113.316	97.41	21.935	22.286	17.477	11.443	3.863	3.003	1.879	TOTAL
MEAN	0.524	0.403	0.575	3.78	3.14	0.731	0.719	0.584	0.381	0.125	0.100	0.061	MEAN
MAX	0.669	0.509	0.645	5.65	5.52	1.23	0.866	0.753	0.549	0.235	0.121	0.085	MAX
MIN	0.394	0.341	0.526	0.614	1.62	0.315	0.511	0.434	0.184	0.047	0.089	0.031	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 532
MAXIMUM DAILY, 5 65 ON APR 25
MINIMUM DAILY, 0.0318 ON DEC 29
MAXIMUM INSTANTANEOUS,
5 33 AT 18 05 CST ON MAY 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 05 10 N
LONG 108 23 40 W
DRAINAGE AREA, 3 340 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 400	JUL	1 930
FEB	981	AUG	1 510
MAR	1 540	SEP	988
APR	1 750	OCT	334
MAY	1 420	NOV	259
JUN	1 900	DEC	162

TOTAL DISCHARGE, 25 200 dam³

MIDDLE CREEK ABOVE LODGE CREEK - STATION NO 11AB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0088	0.0348	0.2588	0.038	0.002	0	0	0	0	---	---	1
2	---	0.0088	0.0898	0.1958	0.035	0.003	0	0	0	0	---	---	2
3	---	0.0088	0.0518	0.348	0.032	0.004	0	0	0	0	---	---	3
4	---	0.0088	0.0958	0.288	0.025	0.002	0	0	0	0	---	---	4
5	---	0.0088	0.2098	0.227	0.021	0.002	0	0	0	0	---	---	5
6	---	0.0078	2.63 B	0.200	0.017	0.001	0	0	0	0	---	---	6
7	---	0.0078	2.20 B	0.183	0.013	0.001	0	0	0	0	---	---	7
8	---	0.0078	1.81 B	0.170	0.023	0.010	0	0	0	0	---	---	8
9	---	0.0078	0.9438	0.114	0.017	0.032	0	0	0	0	---	---	9
10	---	0.0088	0.3848	0.132	0.012	0.082	0	0	0	0	---	---	10
11	---	0.0088	1.48 B	0.104	0.011	0.042	0	0	0	0	---	---	11
12	---	0.0088	1.36 B	0.077	0.010	0.030	0	0	0	0	---	---	12
13	---	0.0078	1.03 B	0.051	0.008	0.015	0	0	0	0	---	---	13
14	---	0.0078	0.9298	0.042	0.005	0.005	0	0	0	0	---	---	14
15	---	0.0088	1.18 B	0.071	0.004	0.002	0	0	0	0	---	---	15
16	---	0.3278	0.9818	0.132	0.003	0.001	0	0	0	0	---	---	16
17	---	0.6838	0.1638	0.098	0.002	0	0	0	0	0	---	---	17
18	---	0.5448	0.0888	0.058	0.002	0	0	0	0	0	---	---	18
19	---	0.3968	0.0818	0.051	0.002	0	0	0	0	0	---	---	19
20	---	0.3258	0.1318	0.048	0.002	0.002	0	0	0	0	---	---	20
21	---	0.4878	0.1388	0.077	0.002	0.002	0	0	0	0	---	---	21
22	---	0.5478	0.1108	0.101	0.002	0.001	0	0	0	0	---	---	22
23	---	0.3638	0.2218	0.086	0.002	0.001	0	0	0	0	---	---	23
24	---	0.2708	0.1688	0.081	0.002	0.001	0	0	0	0	---	---	24
25	---	0.3068	0.1768	0.078	0.002	0	0	0	0	0	---	---	25
26	---	0.1848	0.2338	0.068	0.002	0	0	0	0	0	---	---	26
27	---	0.0838	0.1938	0.064	0.128	0	0	0	0	0	---	---	27
28	---	0.1288	0.2238	0.060	0.070	0	0	0	0	0	---	---	28
29	---		0.1728	0.054	0.020	0	0	0	0	0	---	---	29
30	---		0.0678	0.048	0.008	0	0	0	0	0	---	---	30
31	---		0.2658		0.004		0	0		0		---	31
TOTAL	---	4.732	17.204	3.568	0.524	0.221	0	0	0	0	---	---	TOTAL
MEAN	---	0.168	0.555	0.119	0.017	0.007	0	0	0	0	---	---	MEAN
MAX	---	0.683	2.63	0.348	0.128	0.082	0	0	0	0	---	---	MAX
MIN	---	0.008	0.034	0.042	0.002	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 2.630 ON MAR 6
MINIMUM DAILY, 0 ON JUN 17
MAXIMUM INSTANTANEOUS,
3.660 AT 15:30 CST ON MAR 6

SUMMARY FOR THE MONTHS FEB TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 01 N
LONG 109 49 02 W
DRAINAGE AREA, 717 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	408	AUG	0
MAR	490	SEP	0
APR	308	OCT	0
MAY	45.3	NOV	---
JUN	19.1	DEC	---

TOTAL DISCHARGE, 2 270 dam³

MIDDLE CREEK BELOW MIDDLE CREEK RESERVOIR - STATION NO. 11AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.043	0	0	0	0	0	0	---	---	1
2	---	---	0	0.015	0	0	0	0	0	0	---	---	2
3	---	---	0	0.005	0	0	0	0	0	0	---	---	3
4	---	---	0	0.003	0	0	0	0	0	0	---	---	4
5	---	---	0 A	0.003	0	0	0	0	0	0	---	---	5
6	---	---	0.008A	0.002	0	0	0	0	0	0	---	---	6
7	---	---	1.02 E	0.001	0.133	0	0	0	0	0	---	---	7
8	---	---	0.343E	0	0.250	0	0	0	0	0	---	---	8
9	---	---	0.078E	0	0.284	0	0	0	0	0	---	---	9
10	---	---	0.036E	0	0.120	0	0	0	0	0	---	---	10
11	---	---	0.012E	0	0.188	0	0	0	0	0	---	---	11
12	---	0	0.003A	0	0.220	0	0	0	0	0	---	---	12
13	---	0	0.007	0	0.183	0	0	0	0	0	---	---	13
14	---	0	0.084	0	0.156	0	0	0	0	0	---	---	14
15	---	0	0.187	0	0.138	0	0	0	0	0	---	---	15
16	---	0	0.070	0	0.230	0	0	0	0	0	---	---	16
17	---	0	0.029	0	0.074	0	0	0	0	0	---	---	17
18	---	0	0.024	0	0.035	0	0	0	0	0	---	---	18
19	---	0	0.028	0	0.034	0	0	0	0	0	---	---	19
20	---	0	0.018	0	0.001	0	0	0	0	0	---	---	20
21	---	0	0.018	0	0	0	0	0	0	0	---	---	21
22	---	0	0.017	0	0	0	0	0	0	0	---	---	22
23	---	0	0.017	0	0	0	0	0	0	0	---	---	23
24	---	0	0.016	0	0	0	0	0	0	0	---	---	24
25	---	0	0.013	0	0.883	0	0	0	0	0	---	---	25
26	---	0	0.049	0	1.08	0	0	0	0	0	---	---	26
27	---	0	0.095	0	0.130	0	0	0	0	0	---	---	27
28	---	0	0.087	0	0.008	0	0	0	0	0	---	---	28
29	---		0.057	0	0.001	0	0	0	0	0	---	---	29
30	---		0.044	0	0	0	0	0	0	0	---	---	30
31	---		0.021		0		0	0		0		---	31
TOTAL	---	---	2.305	0.072	4.074	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.074	0.002	0.131	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.02	0.043	1.08	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.036
MAXIMUM DAILY, 1.08 ON MAY 26
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.55 ON MAR 7

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 44 N
LONG 109 55 05 W
DRAINAGE AREA, 385 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	199	SEP	0
APR	6.22	OCT	0
MAY	352	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 557 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS DETERMINED FROM A HIGH WATER MARK - TIME UNKNOWN

MIDDLE CREEK NEAR COVENLOCK - STATION NO. 11AB105

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0088	0.0318	0.232	0.038	0.091	0.006	0.005	0	0.001	---	---	1
2	---	0.0088	0.0288	0.196	0.026	0.057	0.005	0.008	0	0.002	---	---	2
3	---	0.0088	0.0248	0.162	0.022	0.061	0.005	0.010	0	0.004	---	---	3
4	---	0.0088	0.5138	0.181	0.018	0.055	0.004	0.010	0	0.006	---	---	4
5	---	0.0078	2.50 B	0.173	0.016	0.048	0.004	0.010	0	0.007	---	---	5
6	---	0.0078	2.21 B	0.148	0.014	0.038	0.002	0.008	0	0.009	---	---	6
7	---	0.0078	2.19 B	0.129	0.012	0.032	0.001	0.007	0	0.010	---	---	7
8	---	0.0088	0.4588	0.102	0.010	0.028	0.001	0.007	0	0.009	---	---	8
9	---	0.0088	0.5008	0.084	0.008	0.041	0	0.005	0	0.010	---	---	9
10	---	0.0108	1.29 B	0.084	0.007	0.108	0	0.004	0	0.013	---	---	10
11	---	0.0128	1.06 B	0.062	0.008	0.044	0	0.004	0	0.014	---	---	11
12	---	0.0488	0.8478	0.038	0.008	0.033	0	0.002	0	0.016	---	---	12
13	---	0.0868	0.5238	0.031	0.121	0.023	0	0.001	0	0.018	---	---	13
14	---	0.1598	0.7368	0.051	0.114	0.018	0	0.003	0	0.018	---	---	14
15	---	0.3718	0.4838	0.327	0.074	0.012	0	0.001	0	0.019	---	---	15
16	---	0.2708	0.4858	0.272	0.118	0.010	0	0.001	0	0.019	---	---	16
17	---	0.2648	0.8588	0.308	0.133	0.008	0	0.001	0	0.020	---	---	17
18	---	0.1988	0.4728	0.178	0.127	0.008	0	0	0	0.020	---	---	18
19	---	0.3188	0.2688	0.124	0.123	0.005	0	0	0	0.022	---	---	19
20	---	0.3288	0.4928	0.081	0.182	0.004	0	0	0	0.021	---	---	20
21	---	0.3458	0.1728	0.079	0.138	0.003	0	0	0	0.023	---	---	21
22	---	0.2818	0.2708	0.073	0.103	0.001	0	0	0	0.022	---	---	22
23	---	0.1838	0.2848	0.068	0.078	0.001	0	0	0	0.024	---	---	23
24	---	0.1028	0.2188	0.068	0.080	0.002	0	0.003	0	0.024	---	---	24
25	---	0.0828	0.2008	0.068	0.054	0.003	0	0.001	0	0.027	---	---	25
26	---	0.0458	0.2648	0.061	0.050	0.003	0.001	0	0	0.025A	---	---	26
27	---	0.0488	0.2208	0.058	0.038	0.004	0.001	0	0	0.026E	---	---	27
28	---	0.0448	0.1318	0.057	0.338	0.005	0.003	0	0	0.026E	---	---	28
29	---		0.122	0.055	0.355	0.005	0.002	0	0	0.027E	---	---	29
30	---		0.204	0.051	0.218	0.006	0.002	0	0	0.028E	---	---	30
31	---		0.248		0.148		0.003	0		0.028E	---	---	31
TOTAL	---	3.345	18.381	3.585	2.732	0.751	0.040	0.081	0	0.536	---	---	TOTAL
MEAN	---	0.118	0.592	0.120	0.088	0.025	0.001	0.003	0	0.017	---	---	MEAN
MAX	---	0.371	2.50	0.327	0.355	0.108	0.006	0.010	0	0.028	---	---	MAX
MIN	---	0.008	0.024	0.031	0.008	0.001	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.107
MAXIMUM DAILY, 2.50B ON MAR 5
MINIMUM DAILY, 0 ON JUL 9
MAXIMUM INSTANTANEOUS,
4.28B AT 15 56 CST ON MAR 5

SUMMARY FOR THE MONTHS FEB TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 42 N
LONG 109 49 57 W
DRAINAGE AREA, 855 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3.46
FEB	280	AUG	7.86
MAR	1 590	SEP	0
APR	310	OCT	46.3
MAY	235	NOV	---
JUN	64.5	DEC	---

TOTAL DISCHARGE, 2 540 dam³

MIDDLE CREEK RESERVOIR - STATION NO. 11AB080

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1028.843	1030.088	1030.485	1030.046	1029.901	1029.815	1029.715	1029.508	---	---	1
2	---	---	1028.842	1030.113	1030.479	1030.033	1029.896	1029.785	1029.717	1029.603	---	---	2
3	---	---	1028.845	1030.180	1030.474	1030.024	1029.893	1029.776	1029.708	1029.603	---	---	3
4	---	---	1028.851	1030.203	1030.462	1030.023	1029.886	1029.774	1029.698	1029.590	---	---	4
5	---	---	1028.891	1030.248	1030.432	1030.023	1029.876	1029.771	1029.695	1029.584	---	---	5
6	---	---	1028.882	1030.302	1030.386	1030.019	1029.869	1029.765	1029.686	1029.582	---	---	6
7	---	---	1029.200	1030.356	1030.349	1030.009	1029.862	1029.764	1029.686	1029.576	---	---	7
8	---	---	1029.433	1030.401	1030.312	1029.989	1029.861	1029.765	1029.682	1029.569	---	---	8
9	---	---	1029.520	1030.440	1030.279	1029.986	1029.858	1029.782	1029.678	1029.563	---	---	9
10	---	---	1029.568	1030.467	1030.285	1030.004	1029.844	1029.749	1029.675	1029.562	---	---	10
11	---	---	1028.587	1030.472	1030.253	1029.985	1029.841	1029.738	1029.673	1029.564	---	---	11
12	---	1028.825A	1029.606	1030.478	1030.236	1029.984	1029.839	1029.732	1029.671	1029.561	---	---	12
13	---	1028.823	1029.624	1030.486	1030.206	1029.982	1029.837	1029.722	1029.670	1029.557	---	---	13
14	---	1028.827	1029.648	1030.487	1030.192	1029.973	1029.835	1029.728	1029.665	1029.557	---	---	14
15	---	1028.829	1029.688	1030.508	1030.174	1029.967	1029.832	1029.738	1029.662	1029.553	---	---	15
16	---	1028.828	1029.758	1030.504	1030.163	1029.963	1029.815	1029.736	1029.651	1029.551	---	---	16
17	---	1028.831	1029.813	1030.493	1030.135	1029.950	1029.803	1029.735	1029.649	1029.549	---	---	17
18	---	1028.832	1029.847	1030.493	1030.129	1029.942	1029.800	1029.733	1029.647	1029.544	---	---	18
19	---	1028.833	1029.884	1030.494	1030.114	1029.947	1029.816	1029.730	1029.647	1029.539	---	---	19
20	---	1028.834	1029.918	1030.493	1030.083	1029.985	1029.821	1029.728	1029.644	1029.537	---	---	20
21	---	1028.835	1029.941	1030.498	1030.070	1029.986	1029.816	1029.719	1029.644	1029.537	---	---	21
22	---	1028.835	1029.955	1030.491	1030.067	1029.980	1029.814	1029.711	1029.642	1029.536	---	---	22
23	---	1028.836	1029.966	1030.486	1030.060	1029.965	1029.814	1029.707	1029.638	1029.532	---	---	23
24	---	1028.836	1029.972	1030.490	1030.058	1029.935	1029.811	1029.721	1029.629	1029.533	---	---	24
25	---	1028.839	1029.979	1030.494	1030.053	1029.931	1029.802	1029.730	1029.628	1029.540	---	---	25
26	---	1028.841	1029.986	1030.490	1030.053	1029.930	1029.821	1029.730	1029.628	1029.537A	---	---	26
27	---	1028.840	1030.006	1030.491	1030.054	1029.924	1029.825	1029.729	1029.616	1029.536E	---	---	27
28	---	1028.843	1030.021	1030.491	1030.055	1029.915	1029.823	1029.728	1029.614	1029.538E	---	---	28
29	---		1030.032	1030.489	1030.055	1029.913	1029.828	1029.721	1029.612	1029.535E	---	---	29
30	---		1030.043	1030.488	1030.050	1029.908	1029.823	1029.718	1029.611	1029.535E	---	---	30
31	---		1030.051		1030.050		1029.820	1029.717		1029.534E	---	---	31
MEAN	---	---	1029.532	1030.419	1030.201	1029.973	1029.838	1029.740	1029.659	1029.556	---	---	MEAN
MAX	---	---	1030.051	1030.508	1030.485	1030.046	1029.901	1029.815	1029.717	1029.606	---	---	MAX
MIN	---	---	1028.842	1030.088	1030.050	1029.908	1029.800	1029.707	1029.611	1029.532	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1030.508 ON APR 15

MAXIMUM INSTANTANEOUS,
1030.581 AT 16 19 CST ON APR 16

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 22 N
LONG 109 59 02 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

MIDDLE CREEK RESERVOIR BEDFORD OUTLET - STATION NO 11AB114

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:01 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE -
LOCATION - LAT 49 23 04 N
LONG 109 59 28 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam^3

MIDDLE CREEK RESERVOIR FLOOD SPILLWAY - STATION NO. 11AB115

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:01 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE -
LOCATION - LAT 49 23 02 N
LONG 109 59 55 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam^3

MILLIGAN CREEK NEAR WADENA - STATION NO. 05MA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1888	0.030	0.022	0	0	0	0	---	---	1
2	---	---	0 B	0.2498	0.038	0.054	0	0	0	0	---	---	2
3	---	---	0 B	0.3808	0.039	0.042	0	0	0	0	---	---	3
4	---	---	0 B	0.3408	0.030	0.028	0	0	0	0	---	---	4
5	---	---	0 B	0.383	0.028	0.019	0	0	0	0	---	---	5
6	---	---	0 B	0.285	0.018	0.015	0	0	0	0	---	---	6
7	---	---	0 B	0.318	0.014	0.015	0	0	0	0	---	---	7
8	---	---	0 B	0.280	0.012	0.011	0	0	0	0	---	---	8
9	---	---	0 B	0.167	0.008	0.008	0	0	0	0	---	---	9
10	---	---	0 B	0.080	0.008	0.007	0	0	0	0	---	---	10
11	---	---	0 B	0.062	0.003	0.010	0	0	0	0	---	---	11
12	---	---	0 B	0.050	0.001	0.007	0	0	0	0	---	---	12
13	---	---	0 B	0.033	0.001	0.005	0	0	0	0	---	---	13
14	---	---	0 B	0.021	0	0.002	0	0	0	0	---	---	14
15	---	---	0 B	0.026	0	0.001	0	0	0	0	---	---	15
16	---	---	0 B	0.067	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.072	0.008	0	0	0	0	0	---	---	17
18	---	---	0 B	0.073	0.018	0	0	0	0	0	---	---	18
19	---	---	0 B	0.088	0.018	0	0	0	0	0	---	---	19
20	---	---	0 B	0.088	0.011	0	0	0	0	0	---	---	20
21	---	---	0 B	0.062	0.003	0	0	0	0	0	---	---	21
22	---	---	0 B	0.049	0.001	0	0	0	0	0	---	---	22
23	---	---	0.0208	0.040	0.001	0	0	0	0	0	---	---	23
24	---	---	0.0558	0.038	0.001	0	0	0	0	0	---	---	24
25	---	---	0.1818	0.097	0	0	0	0	0	0	---	---	25
26	---	---	0.1798	0.174	0.001	0	0	0	0	0	---	---	26
27	---	---	0.2328	0.086	0.001	0	0	0	0	0	---	---	27
28	---	---	0.1588	0.060	0.002	0	0	0	0	0	---	---	28
29	---		0.1018	0.040	0.002	0	0	0	0	0	---	---	29
30	---		0.0878	0.028	0.002	0	0	0	0	0	---	---	30
31	---		0.1108		0.001		0	0		0		---	31
TOTAL	---	---	1.120	3.821	0.283	0.246	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.036	0.121	0.009	0.008	0	0	0	0	---	---	MEAN
MAX	---	---	0.232	0.340	0.038	0.054	0	0	0	0	---	---	MAX
MIN	---	---	0	0.021	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.022
MAXIMUM DAILY, 0.3408 ON APR 4
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
0.384 AT 21:04 CST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 51 10 N
LONG 103 46 07 W
DRAINAGE AREA, 1 430 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	66.8	SEP	0
APR	313	OCT	0
MAY	24.5	NOV	---
JUN	31.3	DEC	---

TOTAL DISCHARGE, 456 dam³

MONNERY RIVER NEAR PARADISE HILL - STATION NO. 05EF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2808	0.4008	1.80	1.04	0.170	0.088	0.306	0.237	---	---	1
2	---	---	0.2808	0.8558	1.74	1.01	0.158	0.117	0.244	0.184	---	---	2
3	---	---	0.2808	0.9468	1.69	0.987	0.130	0.121	0.258	0.167	---	---	3
4	---	---	0.2808	1.45 B	1.64	0.941	0.201	0.073	0.328	0.180	---	---	4
5	---	---	0.2808	3.12 B	1.58	0.674	0.228	0.084	0.288	0.204	---	---	5
6	---	---	0.2808	3.87 B	1.52	0.802	0.283	0.120	0.288	0.331	---	---	6
7	---	---	0.2808	3.32 B	1.48	0.731	0.254	0.107	0.348	0.388	---	---	7
8	---	---	0.2808	3.51	1.40	0.670	0.199	0.087	0.284	0.404	---	---	8
9	---	---	0.2808	3.24	1.37	0.836	0.291	0.088	0.228	0.305	---	---	9
10	---	---	0.2808	1.72	1.48	0.822	0.240	0.272	0.268	0.345	---	---	10
11	---	---	0.2808	1.65	1.68	0.888	0.154	0.358	0.484	0.340	---	---	11
12	---	---	0.2808	1.92	1.65	0.566	0.134	0.380	0.259	0.324	---	---	12
13	---	---	0.2808	1.88	1.87	0.883	0.139	0.458	0.192	0.350	---	---	13
14	---	---	0.2808	1.91	1.80	0.832	0.110	0.287	0.188	0.339	---	---	14
15	---	---	0.2808	2.10	1.82	0.617	0.089	0.150	0.192	0.337	---	---	15
16	---	---	0.2808	2.15	1.71	0.632	0.080	0.123	0.132	0.348	---	---	16
17	---	---	0.2808	2.25	1.71	0.508	0.033	0.103	0.140	0.381	---	---	17
18	---	---	0.2808	2.36	1.78	0.488	0.035	0.106	0.132	0.391	---	---	18
19	---	---	0.2808	2.62	1.54A	0.478	0.084	0.269	0.174	0.351	---	---	19
20	---	---	0.2808	2.58	1.63	0.456	0.152	0.257	0.145	0.350	---	---	20
21	---	---	0.2808	2.62	1.38	0.455	0.175	0.310	0.130	0.385	---	---	21
22	---	---	0.2808	2.60	1.38	0.457	0.168	0.354	0.184	0.429	---	---	22
23	---	---	0.2808	2.58	1.28	0.428	0.384	0.348	0.172	0.393	---	---	23
24	---	---	0.2808	2.74	1.24	0.388	0.395	0.333	0.233	0.378	---	---	24
25	---	---	0.2808	2.53	1.21	0.268	0.185	0.588	0.218	0.380	---	---	25
26	---	---	0.2808	2.31	1.17	0.154	0.084	0.387	0.308	0.541	---	---	26
27	---	---	0.2808	2.23	1.14	0.149	0.018	0.287	0.293	0.380	---	---	27
28	---	---	0.2618	2.18	1.12	0.144	0.183	0.311	0.243	0.381A	---	---	28
29	---		0.2678	2.06	1.12	0.104	0.317	0.488	0.212	0.381E	---	---	29
30	---		0.2948	1.93	1.10	0.175	0.118	0.420	0.188	0.381E	---	---	30
31	---		0.3308		1.05		0.110	0.288		0.381E		---	31
TOTAL	---	---	8.758	66.591	45.18	18.288	5.241	7.747	7.002	10.584	---	---	TOTAL
MEAN	---	---	0.282	2.22	1.48	0.843	0.169	0.250	0.233	0.341	---	---	MEAN
MAX	---	---	0.330	3.87	1.80	1.04	0.395	0.588	0.484	0.541	---	---	MAX
MIN	---	---	0.280	0.400	1.05	0.104	0.018	0.084	0.130	0.187	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.687
MAXIMUM DAILY, 3.870 ON APR 6
MINIMUM DAILY, 0.018 ON JUL 27
MAXIMUM INSTANTANEOUS,
5.18 AT 11:34 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 26 N
LONG 109 31 38 W
DRAINAGE AREA, 875 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	453
FEB	---	AUG	669
MAR	787	SEP	605
APR	5 750	OCT	913
MAY	3 990	NOV	---
JUN	1 610	DEC	---

TOTAL DISCHARGE, 14 800 dam³

MONTREAL LAKE NEAR WEYAKWIN - STATION NO. 05CA006

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	490.388	490.395	490.385	490.405	490.498A	490.478	490.441	490.481	490.422	490.319	490.320	490.305	1
2	490.391	490.401	490.388	490.403	490.500E	490.475	490.485	490.420	490.411	490.387	490.325	490.305	2
3	490.381	490.401	490.386	490.398	490.498E	490.471	490.456	490.428	490.390	490.340	490.317	490.311	3
4	490.380	490.405	490.385	490.391	490.501E	490.469	490.432	490.448	490.409	490.328	490.299	490.310	4
5	490.380	490.410	490.386	490.389	490.507E	490.476	490.457	490.432	490.422	490.330	490.314	490.314	5
6	490.388	490.400	490.387	490.390	490.503A	490.483	490.480	490.433	490.401	490.325	490.315	490.310	6
7	490.390	490.387	490.389A	490.400	490.508A	490.483	490.459	490.435	490.387	490.352	490.310	490.313	7
8	490.390	490.390	490.407	490.408	490.497A	490.487	490.470	490.418	490.395	490.300	490.315	490.320	8
9	490.390	490.402	490.421	490.420	490.480A	490.475	490.464	490.425	490.402	490.339	490.313	490.316	9
10	490.389	490.411	490.426	490.425	490.475A	490.482	490.464	490.430	490.395	490.346	490.312	490.326	10
11	490.385	490.411	490.423	490.425	490.474A	490.485	490.481	490.409	490.397	490.342	490.314	490.343	11
12	490.371	490.410	490.420	490.416	490.476A	490.472	490.484	490.455	490.398	490.336	490.313	490.342	12
13	490.384	490.412	490.426	490.415	490.489A	490.469	490.470	490.455	490.396	490.307	490.315	490.342	13
14	490.392	490.415	490.424	490.409	490.508A	490.482	490.487	490.452	490.368	490.328	490.312	490.344	14
15	490.393	490.419	490.426	490.417	490.480A	490.482	490.480	490.453	490.393	490.325	490.317	490.344	15
16	490.388	490.417	490.422A	490.426	490.488A	490.465	490.480	490.456	490.389	490.353	490.320	490.344	16
17	490.381	490.416	490.389A	490.437	490.511A	490.461	490.480	490.443	490.381	490.319	490.315	490.344	17
18	490.383	490.416	490.408A	490.442	490.500A	490.467	490.482	490.440	490.384	490.299	490.308	490.346	18
19	490.388	490.408	490.407	490.446	490.487A	490.468	490.487	490.441	490.381	490.287	490.304	490.350	19
20	490.394	490.408	490.412	490.455	490.471A	490.469	490.485	490.448	490.384	490.341	490.299	490.352	20
21	490.384	490.404	490.412	490.462	490.470A	490.461	490.488	490.423	490.378	490.342	490.304	490.351	21
22	490.384	490.405	490.408	490.467	490.480A	490.482	490.488	490.427	490.370	490.316	490.307	490.351	22
23	490.389	490.398A	490.408	490.472	490.480	490.482	490.481	490.436	490.369	490.328	490.304	490.353	23
24	490.393	490.404A	490.409	490.473	490.481	490.434	490.488	490.432	490.372	490.382	490.303	490.348	24
25	490.398	490.388A	490.413	490.480	490.481	490.417	490.481	490.439	490.371	490.325	490.302	490.351	25
26	490.400	490.381	490.415	490.488	490.481	490.433	490.478	490.437	490.385	490.303	490.304	490.354	26
27	490.402	490.384	490.429	490.491	490.481	490.425	490.484	490.446	490.343	490.328	490.305	490.355	27
28	490.404	490.385	490.433	490.498	490.481	490.408	490.458	490.438	490.385	490.326	490.306	490.353	28
29	490.402		490.437	490.494	490.482	490.420	490.480	490.397	490.382	490.312	490.305	490.352	29
30	490.395		490.434	490.494	490.482	490.440	490.487	490.424	490.353	490.329	490.306	490.357	30
31	490.388		490.414		490.502		490.484	490.412		490.319		490.364	31
MEAN	490.381	490.403	490.411	490.438	490.489	490.450	490.481	490.438	490.385	490.328	490.310	490.337	MEAN
MAX	490.404	490.419	490.437	490.498	490.511	490.482	490.488	490.481	490.422	490.387	490.325	490.357	MAX
MIN	490.365	490.381	490.385	490.389	490.470	490.408	490.432	490.397	490.343	490.287	490.299	490.306	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 490.403
MAXIMUM DAILY, 490.511A ON MAY 17
MINIMUM DAILY, 490.287 ON OCT 19
MAXIMUM INSTANTANEOUS,
490.570 AT 01 43 CST ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 24 35 N
LONG 105 43 25 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

MONTREAL RIVER AT HIGHWAY NO 2 - STATION NO 05CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.178	4.238	4.618	4.858	12.8	7.28	4.22	5.80	2.27	1.30 E	2.44	1.778	1
2	3.908	4.058	4.598	4.808	15.7	3.37	5.55	4.07	4.32	1.50 E	1.22	1.628	2
3	3.748	4.018	4.518	4.888	13.5	4.42	8.02	1.37	2.01	1.70 E	3.02	1.768	3
4	3.328	4.308	4.848	4.928	14.6	5.99	3.19	4.38	2.18	1.80 E	0.987	2.058	4
5	3.878	4.048	5.118	4.988	8.78	7.13	4.70	4.00	4.30	1.80 E	1.26 E	2.138	5
6	3.918	4.278	4.938	5.808	8.28	5.72	5.09	3.11	3.23	1.80 E	1.63 E	2.008	6
7	4.158	3.788	4.798	6.358	13.4	4.75	4.08	3.79	1.84	1.80 E	1.23 E	2.148	7
8	3.958	4.018	3.978	5.928	7.78	8.73	5.44	2.87	1.75	1.80 E	1.63 E	1.638	8
9	3.768	3.968	3.588	5.748	8.71	7.83	4.43	2.82	3.13	1.80 E	1.81 E	2.088	9
10	4.378	3.788	3.438	7.098	8.50	8.80	2.03	3.21	2.96	1.80 E	1.62 E	1.898	10
11	4.088	3.748	3.648	8.538	11.4	8.04	3.85	2.15	3.70	1.85 E	1.73 E	2.518	11
12	4.198	3.478	3.588	8.978	10.0	7.61	4.53	4.74	3.77	1.80 E	1.71 E	2.438	12
13	3.928	3.828	3.638	8.828	8.38	4.75	5.08	3.87	4.19	2.00 E	1.58 E	1.888	13
14	3.808	3.648	3.678	7.898	10.8	4.70	4.70	4.24	1.73	2.10 E	1.51 E	1.818	14
15	4.318	3.588	3.718	8.86	8.28	4.77	6.18	3.84	3.49	2.21 A	1.87 E	1.888	15
16	4.288	3.868	3.758	8.72	8.54	5.08	4.58	4.80	3.55	1.68 E	1.74 E	1.638	16
17	4.558	3.928	3.788	8.48	11.7	3.60	3.89	4.05	2.78	2.04 E	1.63 E	1.618	17
18	3.728	4.118	3.828	7.25	14.8	4.78	3.89	2.98	3.47	1.23 A	1.96 E	1.728	18
19	3.928	4.318	3.868	7.15	8.24	5.00	4.15	3.88	3.26	0.758E	1.62 E	1.838	19
20	4.178	4.228	4.438	8.28	2.67	5.08	3.17	4.12	3.78	0.955E	2.02 E	1.808	20
21	4.188	4.068	4.758	9.41	10.8	5.08	4.30	2.91	2.82	0.995E	2.46 E	1.458	21
22	3.938	4.258	4.128	7.38	10.7	5.08	4.84	2.22	1.47	1.68 A	1.88 E	1.798	22
23	4.128	4.138	4.318	8.80	8.83	4.48	4.14	4.08	1.42	1.92 E	1.74 E	1.388	23
24	4.238	4.128	4.688	8.72	8.78	5.00	4.50	3.94	2.67	5.19 A	1.80 E	2.298	24
25	4.688	4.138	4.308	10.3	8.74	1.84	4.17	3.94	2.48	2.93 A	1.80 E	2.148	25
26	4.588	4.148	4.468	7.88	8.06	4.10	5.85	3.88	1.87	1.92 E	1.89 E	2.488	26
27	4.208	4.108	4.418	11.8	7.85	3.48	4.85	4.88	1.04	1.78 A	1.96 E	2.548	27
28	4.158	4.108	4.288	8.33	7.08	2.71	4.22	4.20	1.37	2.34	1.82 E	2.218	28
29	4.188		4.308	11.0	7.37	2.88	4.21	2.78	0.938A	1.61	1.73 E	2.118	29
30	4.618		4.628	10.8	8.37	4.38	4.83	2.12	1.10 E	2.09	1.63 E	1.908	28
31	4.348		4.728		8.88		4.72	3.85		1.47		2.288	31
TOTAL	127.33	113.14	131.38	224.97	303.11	151.44	142.10	113.85	78.878	87.517	53.147	60.11	TOTAL
MEAN	4.11	4.01	4.24	7.50	9.78	5.05	4.58	3.64	2.62	1.88	1.77	1.94	MEAN
MAX	4.68	4.31	5.11	11.8	15.7	8.80	8.02	5.80	4.32	5.19	3.02	2.54	MAX
MIN	3.32	3.47	3.43	4.80	2.67	1.84	2.03	1.37	0.938	0.758	0.987	1.38	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.28
MAXIMUM DAILY, 15.7 ON MAY 2
MINIMUM DAILY, 0.758E ON OCT 19
MAXIMUM INSTANTANEOUS,
23.4 AT 19 08 CST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 42 50 N
LONG 105 41 48 W
DRAINAGE AREA, 5 450 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 000	JUL	12 300
FEB	9 890	AUG	9 750
MAR	11 400	SEP	6 800
APR	19 400	OCT	4 870
MAY	26 200	NOV	4 590
JUN	13 100	DEC	5 190

TOTAL DISCHARGE, 134 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED AS A RESULT OF WIND EFFECT ON MONTREAL LAKE

MONTREAL RIVER AT OUTLET OF BIGSTONE LAKE - STATION NO 05CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.35	7.52	8.95	7.02	20.8	25.7	14.7	12.1	10.7	8.99	7.40	9.09	1
2	8.24	7.48	8.92	6.91	21.6	26.0	14.8	11.7	10.4	8.72	7.74	8.05	2
3	8.13	7.48	8.94	6.83	22.9	24.9	14.9	11.4	10.1	8.54	8.40	8.90	3
4	8.11	7.40	8.89	6.80	24.0	23.6	13.9	11.5	10.5	8.52	8.82	8.84	4
5	8.08	7.33	7.01	6.72	25.2	22.8	12.7	11.8	10.7	8.48	8.10	8.83	5
6	7.97	7.27	7.02	6.78	25.3	21.3	13.3	11.4	11.1	8.37	7.34	8.85	6
7	7.94	7.36	7.08	6.85	25.8	21.5	13.1	11.0	11.5	7.74	7.29	8.79	7
8	7.95	7.35	7.05	6.95	26.6	21.7	13.2	10.8	11.1	8.11	7.41	8.68	8
9	7.88	7.28	7.00	7.49	25.4	21.2	12.7	10.3	10.7	8.11	7.39	8.90	9
10	7.81	7.26	6.90	8.40	25.4	20.9	12.9	9.85	10.4	8.17	7.24	8.12	10
11	7.82	7.33	6.85	8.57	25.9	22.0	13.1	10.5	10.2	8.04	7.11	8.85	11
12	7.71	7.27	6.83	8.73	26.1	21.9	13.1	12.0	9.89	8.07	7.16	8.55	12
13	7.93	7.27	6.81	8.85	26.7	22.2	12.9	11.8	9.72	10.4	7.08	8.57	13
14	7.84	7.28	6.72	8.82	26.2	21.5	13.0	11.6	9.74	9.50	7.08	8.52	14
15	7.78	7.25	6.86	8.95	26.8	19.9	13.3	11.7	9.38	8.91	7.13	8.38	15
16	7.85	7.25	6.73	9.28	26.8	19.1	13.4	11.5	9.73	8.78	7.11	8.35	16
17	7.83	7.28	6.70	9.54	26.6	19.7	13.3	11.7	9.70	8.75	7.08	8.42	17
18	7.48	7.21	6.65	9.80	26.3	19.0	13.1	11.8	9.51	9.23	8.94	8.31	18
19	7.84	7.25	6.71	10.4	25.0	18.5	13.0	11.4	9.51	9.05	8.76	8.45	19
20	7.83	7.28	6.88	11.2	26.4	17.8	13.2	11.5	9.58	8.71	8.57	8.51	20
21	7.58	7.23	6.85	11.8	26.7	17.0	13.2	12.2	9.60	8.24	8.48	8.35	21
22	7.49	7.25	6.81	12.7	26.3	17.1	13.3	12.4	9.61	8.38	8.51	8.27	22
23	7.41	7.18	6.80	13.8	25.7	17.0	13.1	11.9	9.14	8.29	8.45	8.30	23
24	7.37	7.14	6.81	14.5	25.8	16.7	12.8	11.8	9.18	8.50	8.37	8.24	24
25	7.28	7.08	6.86	15.4	25.3	16.3	12.8	11.0	9.24	8.33	8.29	8.27	25
26	7.33	7.10	6.82	16.9	25.0	15.8	12.7	11.2	9.25	8.67	8.27	8.34	26
27	7.28	7.04	6.82	17.9	24.6	14.8	12.8	11.2	9.13	8.57	8.25	8.34	27
28	7.18	6.90	6.78	18.5	24.1	14.4	13.0	11.1	9.31	8.24	8.24	8.39	28
29	7.40		6.88	19.3	24.5	14.1	12.4	11.6	9.14	8.28	8.18	8.39	29
30	7.43		6.78	20.4	23.9	14.1	12.1	11.3	9.44	8.01	8.14	8.43	30
31	7.58		7.04		24.1		12.0	11.3		7.82		8.36	31
TOTAL	238.51	203.34	212.38	328.20	781.8	588.3	408.8	383.45	297.00	288.81	210.32	193.52	TOTAL
MEAN	7.69	7.26	6.85	10.9	25.2	19.6	13.2	11.4	9.90	8.86	7.01	8.24	MEAN
MAX	8.35	7.52	7.08	20.4	26.9	26.0	14.9	12.4	11.5	10.4	8.82	8.57	MAX
MIN	7.18	6.90	6.65	6.72	20.8	14.1	12.0	9.85	9.13	7.74	8.14	8.79	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.2
MAXIMUM DAILY, 26.9 ON MAY 15
MINIMUM DAILY, 6.79 ON DEC 7
MAXIMUM INSTANTANEOUS,
30.5 AT 11 55 CST ON MAY 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 105 21 46 W
DRAINAGE AREA, 7 280 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 500	JUL	35 300
FEB	17 500	AUG	30 500
MAR	18 300	SEP	25 700
APR	28 200	OCT	23 200
MAY	67 500	NOV	18 200
JUN	50 800	DEC	16 700

TOTAL DISCHARGE, 383 000 dam³

MOOSE JAW RIVER ABOVE THUNDER CREEK - STATION NO 05JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 8	1 27 B	0 007	0 081	0	0	0	0	---	---	1
2	---	---	0 8	1 28 B	0 007	0 082	0	0	0	0	---	---	2
3	---	---	0 8	1 17 B	0 006	0 078	0	0	0	0	---	---	3
4	---	---	0 0148	1 18 B	0 006	0 089	0	0	0	0	---	---	4
5	---	---	0 0138	1 20 B	0 008	0 085	0	0	0	0	---	---	5
6	---	---	0 2368	1 06 B	0 008	0 025	0	0	0	0	---	---	6
7	---	---	0 3868	0 9358	0 010	0 021	0	0 001	0	0	---	---	7
8	---	---	0 3488	0 9488	0 011	0 017	0	0 001	0	0	---	---	8
9	---	---	0 1218	0 814	0 011	0 015	0	0 001	0	0	---	---	9
10	---	---	0 0818	0 705	0 011	0 015	0	0	0	0	---	---	10
11	---	---	0 0498	0 618	0 010	0 015	0	0	0	0	---	---	11
12	---	---	0 0338	0 761	0 010	0 015	0	0	0	0	---	---	12
13	---	---	0 0288	0 629	0 009	0 014	0	0	0	0	---	---	13
14	---	---	0 0328	0 595	0 008	0 012	0	0	0	0	---	---	14
15	---	---	0 0388	0 518	0 005	0 010	0	0	0	0	---	---	15
16	---	---	0 0288	0 414	0 004	0 008	0	0	0	0	---	---	16
17	---	---	0 0288	0 373	0 003	0 007	0	0 001	0	0	---	---	17
18	---	---	0 0258	0 315	0 002	0 005	0	0 001	0	0	---	---	18
19	---	---	0 0338	0 264	0 002	0 004	0	0 001	0	0	---	---	19
20	---	---	0 0808	0 331	0 002	0 003	0	0 001	0	0	---	---	20
21	---	---	0 0908	0 285	0 001	0 002	0	0	0	0	---	---	21
22	---	---	0 0788	0 118	0 001	0 001	0	0	0	0	---	---	22
23	---	---	0 0788	0 081	0 001	0 001	0	0	0	0	---	---	23
24	---	---	0 0708	0 038	0 001	0 001	0	0	0	0	---	---	24
25	---	---	0 0878	0 028	0 001	0 001	0	0	0	0	---	---	25
26	---	---	0 1278	0 027	0 001	0 001	0	0	0	0	---	---	26
27	---	---	0 8108	0 018	0 001	0 001	0	0	0	0	---	---	27
28	---	---	1 28 B	0 013	0 003	0 001	0	0	0	0	---	---	28
29	---		1 18 B	0 008	0 003	0 001	0	0	0	0	---	---	29
30	---		0 6758	0 007	0 002	0	0	0	0	0	---	---	30
31	---		0 9858		0 001		0	0		0	---	---	31
TOTAL	---	---	7 189	16 289	0 158	0 551	0	0 007	0	0	---	---	TOTAL
MEAN	---	---	0 231	0 542	0 005	0 018	0	0	0	0	---	---	MEAN
MAX	---	---	1 28	1 29	0 011	0 089	0	0 001	0	0	---	---	MAX
MIN	---	---	0	0 007	0 001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 058
MAXIMUM DAILY, 1 298 ON APR 2
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
2 018 AT 07 56 CST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 46 N
LONG 105 31 45 W
DRAINAGE AREA, 5 250 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0 60
MAR	619	SEP	0
APR	1 410	OCT	0
MAY	13 7	NOV	---
JUN	48 5	DEC	---

TOTAL DISCHARGE, 2 080 dam³

MOOSE JAW RIVER NEAR BURDICK - STATION NO. 05JE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1738	0.1988	0.2338	1.73 B	0.085	0.020	0.009	0.027	0	0.480	0.220	0.0908	1
2	0.1828	0.1918	0.2428	2.04 B	0.080	0.009	0.010	0.018	0	0.480	0.170	0.0508	2
3	0.1788	0.1828	0.2288	1.87 B	0.070	0.008	0.011	0.009	0	0.440	0.150	0.0408	3
4	0.1828	0.1918	0.8008	1.88 B	0.039	0.008	0.010	0.009	0	0.380	0.150	0.0308	4
5	0.1828	0.1788	1.57 B	1.79 B	0.014	0.009	0.005	0.012	0	0.340	0.150	0.0278	5
6	0.2568	0.1748	0.9158	1.46 B	0.012	0.009	0.015	0.010	0	0.330	0.270	0.0268	6
7	0.2668	0.1698	0.3848	1.41 B	0.015	0.008	0.012	0.009	0	0.390	0.380	0.0248	7
8	0.2528	0.1668	0.2528	1.87 B	0.017	0.007	0.005	0.007	0	0.220	0.400	0.0228	8
9	0.2488	0.1778	0.2558	1.91	0.019	0.008	0.009	0.008	0	0.060	0.390	0.0208	9
10	0.2558	0.1788	0.2378	1.43	0.021	0.008	0.011	0.005	0	0.130	0.300	0.0198	10
11	0.2578	0.1648	0.2188	1.33	0.022	0.008	0.008	0.004	0	0.120	0.380	0.0198	11
12	0.2428	0.1738	0.2028	1.22	0.018	0.007	0.009	0.003	0	0.100	0.480	0.0188	12
13	0.2418	0.1948	0.1978	1.02	0.011	0.008	0.007	0.002	0	0.090	0.470	0.0188	13
14	0.2408	0.1848	0.2108	0.194	0.003	0.004	0.007	0.002	0	0.080	0.475	0.0178	14
15	0.2508	0.1798	0.2148	0.508	0.007	0.004	0.006	0.002	0	0.200	0.475	0.0168	15
16	0.2278	0.1648	0.2138	1.37	0.004	0.004	0.005	0.002	0.003	0.230	0.475	0.0158	16
17	0.2148	0.1888	0.2098	1.15	0.007	0.005	0.003	0.002	0.290	0.220	0.475	0.0148	17
18	0.2358	0.1868	0.2268	0.920	0.008	0.009	0.005	0.002	0.370	0.170	0.4708	0.0148	18
19	0.2298	0.2018	0.2628	0.802	0.015	0.008	0.020	0.002	0.346	0.160	0.4708	0.0138	19
20	0.2088	0.1908	0.3448	0.396	0.007	0.008	0.052	0.002	0.350	0.150	0.4708	0.0128	20
21	0.2198	0.1878	0.3818	0.307	0.008	0.007	0.045	0.002	0.340	0.280	0.4708	0.0128	21
22	0.2058	0.1708	0.3778	0.283	0.008	0.008	0.116	0.001	0.350	0.280	0.4608	0.0118	22
23	0.2068	0.1838	0.5308	0.281	0.007	0.006	0.461	0.001	0.440	0.280	0.4608	0.0118	23
24	0.2108	0.1878	0.6428	0.291	0.004	0.006	0.355	0.001	0.480	0.280	0.4508	0.0108	24
25	0.2258	0.2158	0.3818	0.287	0.003	0.005	0.248	0	0.470	0.250	0.4508	0.0088	25
26	0.2118	0.2258	0.4978	0.311	0.013	0.005	0.170	0	0.480	0.280	0.4408	0.0088	26
27	0.2068	0.2758	0.6158	0.338	0.007	0.005	0.107	0	0.480	0.270	0.4408	0.0088	27
28	0.2218	0.2498	0.6178	0.350	0.007	0.006	0.078	0	0.490	0.275	0.4408	0.0078	28
29	0.2348		0.5418	0.228	0.020	0.006	0.042	0	0.480	0.275	0.4208	0.0078	29
30	0.2158		2.34 B	0.112	0.045	0.007	0.042	0	0.500	0.274	0.2308	0.0068	30
31	0.2078		1.87 B		0.021		0.023	0		0.270		0.0068	31
TOTAL	5.869	5.367	16.013	28.498	0.615	0.216	1.817	0.140	5.843	7.704	11.470	0.500	TOTAL
MEAN	0.222	0.192	0.517	0.950	0.020	0.007	0.062	0.005	0.195	0.249	0.382	0.018	MEAN
MAX	0.286	0.275	2.34	2.04	0.085	0.020	0.461	0.027	0.500	0.480	0.475	0.090	MAX
MIN	0.173	0.184	0.187	0.112	0.003	0.004	0.003	0	0	0.080	0.150	0.006	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.234
MAXIMUM DAILY, 2.348 ON MAR 30
MINIMUM DAILY, 0 ON AUG 25
MAXIMUM INSTANTANEOUS,
4.768 AT 18:47 CST ON MAR 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 24 00 N
LONG 105 23 50 W
DRAINAGE AREA, 9 230 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	593	JUL	186
FEB	484	AUG	12.1
MAR	1 380	SEP	505
APR	2 460	OCT	666
MAY	53.1	NOV	991
JUN	18.8	DEC	51.8

TOTAL DISCHARGE, 7 380 dam³

MOOSE JAW RIVER NEAR LANG - STATION NO. 05JE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1348	0.001	0	0	0	0	0	---	---	1
2	---	---	0 B	0.201	0.001	0	0	0	0	0	---	---	2
3	---	---	0 B	0.292	0.003	0	0	0	0	0	---	---	3
4	---	---	0 B	0.329	0.003	0	0	0	0	0	---	---	4
5	---	---	0 B	0.295	0.002	0	0	0	0	0	---	---	5
6	---	---	0 B	0.240	0.002	0	0	0	0	0	---	---	6
7	---	---	0 B	0.186	0.001	0	0	0	0	0	---	---	7
8	---	---	0 B	0.167	0.001	0	0	0	0	0	---	---	8
9	---	---	0 B	0.154	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.136	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.127	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.129	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.123	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.107	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.081	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.077	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.062	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.049	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.041	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.030	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.022	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.018	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.014	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0.013	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0.012	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0.010	0	0	0	0	0	0	---	---	26
27	---	---	0 B	0.004	0	0	0	0	0	0	---	---	27
28	---	---	0 B	0.003	0	0	0	0	0	0	---	---	28
29	---		0 B	0.001	0	0	0	0	0	0	---	---	29
30	---		0.0018	0.001	0	0	0	0	0	0	---	---	30
31	---		0.0638		0		0	0		0		---	31
TOTAL	---	---	0.084	3.080	0.014	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.002	0.103	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.063	0.329	0.003	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.013
MAXIMUM DAILY, 0.329 ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.337 AT 09:32 CST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 51 N
LONG 104 28 57 W
DRAINAGE AREA, 865 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	5.53	SEP	0
APR	266	OCT	0
MAY	1.21	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 273 dam³

MOOSE JAW RIVER NEAR ROULEAU - STATION NO 05JE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 5408	0	0	0	0 704	0 002	0	---	---	1
2	---	---	0 B	0 5438	0	0	0	1 71	0 001	0	---	---	2
3	---	---	0 B	0 5708	0	0	0	0 802	0	0	---	---	3
4	---	---	0 B	0 5848	0	0	0	0 188	0	0	---	---	4
5	---	---	0 B	0 5438	0	0	0	0 088	0	0	---	---	5
6	---	---	0 B	0 5138	0	0	0	0 013	0	0	---	---	6
7	---	---	0 B	0 535	0	0	0	0 021	0	0	---	---	7
8	---	---	0 B	0 485	0	0	0	0 022	0	0	---	---	8
9	---	---	0 B	0 402	0	0	0	0 018	0	0	---	---	9
10	---	---	0 B	0 382	0	0	0	0 120	0	0	---	---	10
11	---	---	0 B	0 307	0	0	0	0 150	0	0	---	---	11
12	---	---	0 B	0 240	0	0	0	0 184	0	0	---	---	12
13	---	---	0 B	0 196	0	0	0	0 175	0	0	---	---	13
14	---	---	0 B	0 151	0	0	0	0 158	0	0	---	---	14
15	---	---	0 B	0 126	0	0	0	0 171	0	0	---	---	15
16	---	---	0 B	0 077	0	0	0	0 135	0	0	---	---	16
17	---	---	0 B	0 036	0	0	0	0 123	0	0	---	---	17
18	---	---	0 B	0 042	0	0	0	0 157	0	0	---	---	18
19	---	---	0 B	0 014	0	0	0	0 152	0	0	---	---	19
20	---	---	0 B	0 003	0	0	0	0 124	0	0	---	---	20
21	---	---	0 B	0 001	0	0	0	0 077	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0 054	0	0	---	---	22
23	---	---	0 0818	0	0	0	0	0 043	0	0	---	---	23
24	---	---	0 1808	0	0	0	0	0 032	0	0	---	---	24
25	---	---	0 2188	0	0	0	0	0 025	0	0	---	---	25
26	---	---	0 3298	0	0	0	0	0 021	0	0	---	---	26
27	---	---	0 5148	0	0	0	0	0 014	0	0	---	---	27
28	---	---	0 4698	0	0	0	0	0 008	0	0	---	---	28
29	---		0 4248	0	0	0	0	0 006	0	0	---	---	29
30	---		0 4728	0	0	0	0	0 005	0	0	---	---	30
31	---		0 5348		0		0	0 003		0		---	31
TOTAL	---	---	3 221	6 281	0	0	0	5 280	0 003	0	---	---	TOTAL
MEAN	---	---	0 104	0 209	0	0	0	0 188	0	0	---	---	MEAN
MAX	---	---	0 534	0 594	0	0	0	1 71	0 002	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0 003	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 080
MAXIMUM DAILY 1 71 ON AUG 2
MINIMUM DAILY 0 0 ON MAR 1
MAXIMUM INSTANTANEOUS
2 07 AT 04 28 CST ON AUG 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 29 N
LONG 104 59 04 W
DRAINAGE AREA 2 590 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	454
MAR	278	SEP	0 26
APR	543	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 1 280 dam³

MOOSE MOUNTAIN CREEK BELOW MOOSE MOUNTAIN LAKE - STATION NO 05NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0088	0 3108	0 088	0 041	0 012	0 015	0 012	0 011	---	---	1
2	---	---	0 0088	0 4338	0 101	0 051	0 010	0 011	0 011	0 010	---	---	2
3	---	---	0 0088	0 3208	0 108	0 046	0 010	0 012	0 011	0 011	---	---	3
4	---	---	0 0108	0 2108	0 110	0 026	0 017	0 013	0 011	0 011	---	---	4
5	---	---	0 0158	0 2238	0 118	0 013	0 011	0 014	0 010	0 009	---	---	5
6	---	---	0 0508	0 232	0 111	0 018	0 018	0 013	0 011	0 010	---	---	6
7	---	---	0 0408	0 240	0 101	0 012	0 012	0 012	0 011	0 011	---	---	7
8	---	---	0 1308	0 257	0 106	0 012	0 009	0 011	0 011	0 011	---	---	8
9	---	---	0 0908	0 268	0 099	0 012	0 010	0 011	0 011	0 010	---	---	9
10	---	---	0 0758	0 268	0 101	0 014	0 011	0 010	0 011	0 012	0 012	---	10
11	---	---	0 0678	0 254	0 096	0 020	0 013	0 013	0 013	0 013	---	---	11
12	---	---	0 0408	0 258	0 089	0 014	0 012	0 011	0 014	0 013	---	---	12
13	---	---	0 0358	0 246	0 103	0 013	0 012	0 012	0 013	0 014	---	---	13
14	---	---	0 0308	0 238	0 082	0 010	0 012	0 009	0 013	0 013	---	---	14
15	---	---	0 0288	0 241	0 084	0 012	0 010	0 011	0 013	0 013	---	---	15
16	---	---	0 0188	0 221	0 082	0 011	0 010	0 011	0 014	0 014	---	---	16
17	---	---	0 0158	0 196	0 083	0 014	0 011	0 012	0 015	0 015	---	---	17
18	---	---	0 0128	0 176	0 041	0 012	0 014	0 013	0 017	0 016	---	---	18
19	---	---	0 0108	0 197	0 042	0 012	0 014	0 013	0 016	0 014	---	---	19
20	---	---	0 0128	0 179	0 056	0 012	0 010	0 011	0 017	0 014	---	---	20
21	---	---	0 2188	0 130	0 049	0 013	0 011	0 012	0 017	0 015	---	---	21
22	---	---	1 03 B	0 144	0 034	0 014	0 013	0 011	0 017	0 015	---	---	22
23	---	0 0088	1 11 B	0 132	0 031	0 020	0 013	0 010	0 016	0 014	---	---	23
24	---	0 0088	1 07 B	0 132	0 029	0 020	0 012	0 008	0 013	0 014	---	---	24
25	---	0 0088	0 8838	0 120	0 028	0 027	0 013	0 008	0 013	0 012	---	---	25
26	---	0 0088	0 5018	0 142	0 028	0 018	0 010	0 005	0 013	0 013	---	---	26
27	---	0 0088	0 4718	0 116	0 032	0 015	0 010	0 008	0 018	0 011	---	---	27
28	---	0 0088	0 3738	0 104	0 032	0 015	0 010	0 005	0 026	0 011A	---	---	28
29	---		0 5038	0 096	0 029	0 015	0 011	0 007	0 017	0 011E	---	---	29
30	---		0 5038	0 083	0 027	0 013	0 018	0 009	0 013	0 011E	---	---	30
31	---		0 4888		0 028		0 018	0 010		0 011E	---	---	31
TOTAL	---	---	7 872	5 153	2 088	0 543	0 384	0 324	0 422	0 384	---	---	TOTAL
MEAN	---	---	0 247	0 205	0 067	0 018	0 012	0 010	0 014	0 012	---	---	MEAN
MAX	---	---	1 11	0 433	0 118	0 051	0 018	0 015	0 026	0 018	---	---	MAX
MIN	---	---	0 005	0 083	0 027	0 010	0 008	0 005	0 010	0 009	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 073
MAXIMUM DAILY 1 118 ON MAR 23
MINIMUM DAILY 0 005 ON AUG 26
MAXIMUM INSTANTANEOUS
1 568 AT 09 13 CST ON MAR 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 23 N
LONG 103 00 54 W
DRAINAGE AREA 2 310 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31 6
FEB	---	AUG	28 0
MAR	883	SEP	36 5
APR	532	OCT	33 2
MAY	180	NOV	---
JUN	48 9	DEC	---

TOTAL DISCHARGE 1 550 dam³

MOOSE MOUNTAIN CREEK NEAR OXBOW - STATION NO 05ND004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	11.8 B	0.370	0.046	0	0	0	0	---	---	1
2	---	---	0 B	25.4 B	0.330	0.396	0	0	0	0	---	---	2
3	---	---	0 B	20.9 B	0.305	0.331	0	0	0	0	---	---	3
4	---	---	0.2808	16.8 B	0.295	0.238	0	0	0	0	---	---	4
5	---	---	1.13 B	11.5 B	0.283	0.179	0	0	0	0	---	---	5
6	---	---	0.8548	5.48	0.224	0.144	0	0	0	0	---	---	6
7	---	---	1.31 B	6.11	0.200	0.107	0	0	0	0	---	---	7
8	---	---	2.03 B	4.68	0.178	0.081	0	0	0	0	---	---	8
9	---	---	2.44 B	3.70	0.161	0.065	0	0	0	0	---	---	9
10	---	---	1.98 B	3.00	0.142	0.049	0	0	0	0	---	---	10
11	---	---	1.57 B	2.30	0.127	0.051	0	0	0	0	---	---	11
12	---	---	1.12 B	1.77	0.104	0.038	0	0	0	0	---	---	12
13	---	---	0.7818	1.45	0.084	0.024	0	0	0	0	---	---	13
14	---	---	0.6068	1.24	0.070	0.017	0	0	0	0	---	---	14
15	---	---	0.5438	1.18	0.053	0.012	0	0	0	0	---	---	15
16	---	---	0.4338	1.12	0.042	0.009	0	0	0	0	---	---	16
17	---	---	0.4188	1.08	0.114	0.008	0	0	0	0	---	---	17
18	---	---	0.5838	0.977	0.098	0.004	0	0	0	0	---	---	18
19	---	---	0.4248	0.877	0.095	0.004	0	0	0	0	---	---	19
20	---	---	0.3418	0.783	0.087	0.004	0	0	0	0	---	---	20
21	---	---	2.81 B	0.730	0.082	0.002	0	0	0	0	---	---	21
22	---	---	6.13 B	0.684	0.070	0.001	0	0	0	0	---	---	22
23	---	---	9.23 B	0.690	0.060	0.001	0	0	0	0	---	---	23
24	---	---	8.67 B	0.645	0.052	0	0	0	0	0	---	---	24
25	---	---	8.84 B	0.858	0.048	0	0	0	0	0	---	---	25
26	---	---	12.4 B	0.623	0.040	0	0	0	0	0	---	---	26
27	---	---	19.2 B	0.587	0.043	0	0	0	0	0	---	---	27
28	---	---	15.2 B	0.542	0.051	0	0	0	0	0	---	---	28
29	---		8.66 B	0.502	0.056	0	0	0	0E	---	---	---	29
30	---		6.28 B	0.431	0.050	0	0	0	0E	---	---	---	30
31	---		4.11 B		0.081		0	0	0E	---	---	---	31
TOTAL	---	---	118.191	131.208	3.973	1.811	0	0	0	0	---	---	TOTAL
MEAN	---	---	3.81	4.37	0.128	0.060	0	0	0	0	---	---	MEAN
MAX	---	---	19.2	25.4	0.370	0.396	0	0	0	0	---	---	MAX
MIN	---	---	0	0.431	0.040	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.04
MAXIMUM DAILY, 25.48 ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
28.68 AT 10:34 CST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 58 N
LONG 102 13 41 W
DRAINAGE AREA, 6 080 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	10 200	SEP	0
APR	11 300	OCT	0
MAY	343	NOV	---
JUN	156	DEC	---

TOTAL DISCHARGE, 22 000 dam³

MOOSE MOUNTAIN LAKE (RESERVOIR) NEAR CORNING - STATION NO 05NC002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	620.081	620.078	620.081	620.382	620.395	620.340	620.208	620.144	620.013	619.894	619.898	619.893	1
2	620.081	620.082	620.082	620.394	620.388	620.383	620.184	620.133	619.992	619.861	619.915	619.893	2
3	620.081	620.082	620.082	620.408	620.400	620.318	620.167	620.126	620.013	619.983	619.914	619.891	3
4	620.080	620.083	620.080	620.423	620.398	620.305	620.172	620.110	620.012	620.008	619.926	619.891	4
5	620.081	620.083	620.081	620.438	620.408	620.295	620.173	620.118	620.000	619.977	619.906	619.891	5
6	620.078	620.082	620.085	620.450	620.394	620.303	620.189	620.108	620.007	619.962	619.903	619.890	6
7	620.078	620.081	620.094	620.456	620.385	620.307	620.201	620.088	620.000	619.942	619.913	619.887	7
8	620.078	620.081	620.095	620.465	620.386	620.285	620.182	620.100	619.986	619.973	619.906	619.888	8
9	620.078	620.082	620.096	620.469	620.384	620.270	620.181	620.089	619.983	619.948	619.895	619.889	9
10	620.078	620.082	620.100	620.474	620.372	620.267	620.194	620.084	619.988	619.937	619.898	619.891	10
11	620.078	620.081	620.102	620.474	620.367	620.286	620.194	620.101	619.988	619.938	619.902	619.893	11
12	620.076	620.081	620.104	620.472	620.353	620.274	620.188	620.077	619.983	619.935	619.902	619.894	12
13	620.077	620.080	620.104	620.470	620.368	620.271	620.183	620.068	619.974	619.961	619.898	619.892	13
14	620.077	620.081	620.106	620.465	620.336	620.254	620.181	620.063	619.980	619.926	619.888	619.889	14
15	620.078	620.080	620.107	620.466	620.337	620.243	620.182	620.071	619.972	619.913	619.916	619.888	15
16	620.077	620.078	620.107	620.462	620.328	620.233	620.174	620.068	619.983	619.930	619.902	619.889	16
17	620.077	620.080	620.110	620.461	620.324	620.249	620.184	620.061	619.979	619.937	619.898	619.886	17
16	620.078	620.078	620.119	620.448	620.308	620.231	620.184	620.067	619.975	619.938	619.897	619.887	16
19	620.078	620.077	620.125	620.477	620.319	620.218	620.184	620.058	619.968	619.937	619.897	619.887	19
20	620.078	620.077	620.129	620.469	620.337	620.218	620.182	620.048	619.963	619.923	619.897	619.886	20
21	620.078	620.077	620.145	620.428	620.318	620.216	620.152	620.070	619.957	619.907	619.896	619.886	21
22	620.078	620.078	620.180	620.443	620.304	620.225	620.150	620.061	619.957	619.917	619.897	619.886	22
23	620.078	620.078	620.222	620.434	620.304	620.229	620.152	620.041	619.948	619.924	619.897	619.886	23
24	620.080	620.078	620.255	620.421	620.301	620.229	620.145	620.035	619.948	619.907	619.896	619.885	24
25	620.080	620.077	620.284	620.427	620.295	620.223	620.138	620.033	619.943	619.913	619.897	619.886	25
26	620.078	620.078	620.307	620.444	620.303	620.202	620.124	620.035	619.932	619.937	619.895	619.886	26
27	620.078	620.079	620.325	620.414	620.302	620.198	620.129	620.031	619.953	619.916	619.896	619.885	27
28	620.081	620.081	620.338	620.420	620.313	620.195	620.125	620.024	619.948	619.912	619.895	619.884	28
29	620.077		620.353	620.398	620.316	620.197	620.123	620.036	619.965	619.914	619.894	619.885	29
30	620.077		620.360	620.387	620.312	620.185	620.125	620.029	619.978	619.897	619.894	619.886	30
31	620.078		620.388		620.307		620.133	620.023		619.903		619.884	31
MEAN	620.078	620.080	620.185	620.441	620.343	620.254	620.164	620.070	619.978	619.937	619.901	619.888	MEAN
MAX	620.081	620.083	620.388	620.477	620.408	620.353	620.208	620.144	620.013	620.006	619.926	619.894	MAX
MIN	620.078	620.077	620.080	620.382	620.295	620.185	620.123	620.023	619.932	619.897	619.888	619.884	MIN

WATER LEVELS IN METRES

MEAN, 620.108
MAXIMUM DAILY, 620.477 ON APR 19
MINIMUM DAILY, 619.884 ON DEC 28
MAXIMUM INSTANTANEOUS,
620.542 AT 15:46 CST ON APR 15

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 29 N
LONG 103 01 58 W

REGULATED

MOOSOMIN LAKE NEAR MOOSOMIN - STATION NO. 05NE002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	543.988E	544.080E	544.388	544.374	544.285	544.232	544.135A	543.963	---	---	1
2	---	---	543.988E	544.078E	544.388	544.372	544.276	544.224	544.134E	543.932	---	---	2
3	---	---	543.988E	544.125E	544.372	544.367	544.286	544.215	544.133E	543.930	---	---	3
4	---	---	544.000E	544.250E	544.377	544.353	544.287	544.204	544.135E	543.942	---	---	4
5	---	---	544.008E	544.400E	544.385	544.352	544.287	544.204A	544.133E	543.923	---	---	5
6	---	---	544.010E	544.538E	544.382	544.357	544.288	544.204	544.137E	543.899	---	---	6
7	---	---	544.015E	544.483A	544.377	544.382	544.288	544.191	544.132E	543.888	---	---	7
8	---	---	544.015E	544.377E	544.381	544.347	544.288	544.192	544.130E	543.888	---	---	8
9	---	---	544.015E	544.292A	544.372	544.345	544.255	544.188	544.128E	543.874	---	---	9
10	---	---	544.015E	544.229	544.376	544.341A	544.257	544.171	544.120E	543.866	---	---	10
11	---	---	544.015E	544.180	544.388	544.380A	544.250	544.177	544.111E	543.861	---	---	11
12	---	---	544.015E	544.155	544.385	544.358A	544.244	544.174	544.102E	543.858	---	---	12
13	---	---	544.015E	544.134	544.372	544.356A	544.245	544.184	544.088E	543.884	---	---	13
14	---	---	544.015E	544.115	544.358	544.348A	544.244	544.180	544.081A	543.843	---	---	14
15	---	---	544.015E	544.107	544.358	544.334A	544.235	544.167	544.083	543.830	---	---	15
16	---	---	544.017E	544.134	544.348	544.327A	544.240	544.158	544.058	543.829	---	---	16
17	---	---	544.020E	544.179	544.347	544.330	544.232	544.158	544.062	543.826	---	---	17
18	---	---	544.021E	544.211	544.337	544.317	544.230	544.160	544.051	543.821	---	---	18
19	---	---	544.023E	544.257	544.341	544.311	544.235	544.155	544.039	543.814	---	---	19
20	---	---	544.024E	544.280	544.344	544.307	544.244	544.147	544.033	543.805	---	---	20
21	---	---	544.026E	544.288	544.333	544.307	544.236	544.155	544.028	543.793	---	---	21
22	---	---	544.028E	544.316	544.331	544.309	544.232	544.150	544.021	543.800	---	---	22
23	---	543.986A	544.030E	544.328	544.330	544.309	544.231	544.138	544.009	543.805	---	---	23
24	---	543.986E	544.032A	544.334	544.328	544.305	544.231	544.135	543.999	543.798	---	---	24
25	---	543.986E	544.035E	544.361	544.323A	544.292	544.230	544.138	543.995	543.804	---	---	25
26	---	543.986E	544.036E	544.373	544.324A	544.281	544.219	544.129	543.985	543.821	---	---	26
27	---	543.986E	544.037E	544.385	544.339	544.281	544.219	544.134	543.980	543.814A	---	---	27
28	---	543.986E	544.039E	544.373	544.384	544.285	544.220	544.134	543.979	543.814E	---	---	28
29	---		544.040E	544.383	544.388	544.285	544.213	544.134	543.988	543.814E	---	---	29
30	---		544.042E	544.383	544.388	544.282	544.214	544.134	543.982	543.814E	---	---	30
31	---		544.044E		544.388		544.223	544.134		543.814E		---	31
MEAN	---	---	544.020	544.267	544.368	544.329	544.243	544.166	544.064	543.850	---	---	MEAN
MAX	---	---	544.044	544.538	544.388	544.374	544.288	544.232	544.137	543.963	---	---	MAX
MIN	---	---	543.986	544.080	544.323	544.281	544.213	544.129	543.982	543.793	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 544.538E ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 01 N
LONG 101 41 25 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3 650 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MORIN CREEK NEAR MEADOW LAKE - STATION NO. 05AD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0178	0.0408	0.208	0.044	0	0	0	0	---	---	1
2	---	---	0.0178	0.0478	0.279	0.032	0	0	0	0	---	---	2
3	---	---	0.0178	0.200E	0.350	0.015	0	0	0	0	---	---	3
4	---	---	0.0178	0.440E	0.280	0.004	0	0	0	0	---	---	4
5	---	---	0.0178	0.900E	0.356	0	0	0	0	0	---	---	5
6	---	---	0.0178	1.75 A	0.333	0	0	0	0	0	---	---	6
7	---	---	0.0178	3.33	0.282	0	0	0	0	0	---	---	7
8	---	---	0.0178	5.70	0.188	0	0	0	0	0	---	---	8
9	---	---	0.0178	3.69	0.167	0	0	0	0	0	---	---	9
10	---	---	0.0178	2.15	0.188	0	0	0	0	0	---	---	10
11	---	---	0.0178	1.75	0.217	0	0	0	0	0	---	---	11
12	---	---	0.0178	1.56	0.220	0	0	0	0	0	---	---	12
13	---	---	0.0178	1.48	0.253	0	0	0	0	0	---	---	13
14	---	---	0.0178	1.47	0.232	0	0	0	0	0	---	---	14
15	---	---	0.0178	1.37	0.188	0	0.001	0	0	0	---	---	15
16	---	---	0.0178	1.28	0.180	0	0.001	0	0	0	---	---	16
17	---	---	0.0178	1.20	0.143	0	0	0	0	0	---	---	17
18	---	---	0.0178	0.981	0.121	0	0	0	0	0	---	---	18
19	---	---	0.0178	0.854	0.115	0	0	0	0	0	---	---	19
20	---	---	0.0178	0.680	0.131	0	0.001	0	0	0	---	---	20
21	---	---	0.0178	0.680	0.121	0	0	0	0	0	---	---	21
22	---	---	0.0178	0.842	0.097	0	0	0	0	0	---	---	22
23	---	---	0.0178	0.831	0.068	0	0	0	0	0	---	---	23
24	---	---	0.0178	0.855	0.030	0	0	0	0	0	---	---	24
25	---	---	0.0178	0.540	0.029	0	0	0	0	0	---	---	25
26	---	---	0.0178	0.478	0.098	0	0	0	0	0	---	---	26
27	---	---	0.0188	0.377	0.024	0	0	0	0	0	---	---	27
28	---	---	0.0198	0.314	0.021	0	0	0	0	0	---	---	28
29	---		0.0208	0.277	0.039	0	0	0	0	0	---	---	29
30	---		0.0228	0.218	0.043	0	0	0	0	0	---	---	30
31	---		0.0258		0.058		0	0		0		---	31
TOTAL	---	---	0.546	38.490	5.004	0.095	0.003	0	0	0	---	---	TOTAL
MEAN	---	---	0.018	1.22	0.161	0.003	0	0	0	0	---	---	MEAN
MAX	---	---	0.025	5.70	0.356	0.044	0.001	0	0	0	---	---	MAX
MIN	---	---	0.017	0.040	0.021	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.172
MAXIMUM DAILY, 5.70 ON APR 8
MINIMUM DAILY, 0 ON JUN 5
MAXIMUM INSTANTANEOUS,
5.16 AT 08.34 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 09 55 N
LONG 108 34 38 W
DRAINAGE AREA, 187 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.26
FEB	---	AUG	0
MAR	47.2	SEP	0
APR	3 150	OCT	0
MAY	432	NOV	---
JUN	8.31	DEC	---

TOTAL DISCHARGE, 3 640 dam³

MORIN LAKE NEAR VICTOIRE - STATION NO 05AE003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	27.882	27.843	27.847	27.791	27.725	27.646	---	1
2	---	---	---	---	---	27.868	27.844	27.842E	27.788	27.721	27.645	---	2
3	---	---	---	---	---	27.878	27.844	27.836	27.787	27.717	27.643	---	3
4	---	---	---	---	---	27.879	27.845	27.828	27.786	27.715	27.642	---	4
5	---	---	---	---	27.913	27.888	27.847	27.823	27.785	27.714E	27.644	---	5
6	---	---	---	---	27.905	27.885	27.848	27.818	27.784	27.713	27.644	---	6
7	---	---	---	---	27.905	27.883	27.848	27.813	27.782	27.724	27.644	---	7
8	---	---	---	---	27.903	27.881	27.847	27.815	27.779	27.710	27.643	---	8
9	---	---	---	---	27.898	27.882	27.845	27.817	27.777	27.708	27.643	---	9
10	---	---	---	---	27.898	27.872	27.845	27.828	27.774	27.702	27.642	---	10
11	---	---	---	---	27.899	27.874	27.847	27.834	27.770	27.697	27.641	---	11
12	---	---	---	---	27.899	27.872	27.848	27.822	27.770	27.694	27.640	---	12
13	---	---	---	---	27.889	27.870	27.845	27.823	27.772	27.691	27.639	---	13
14	---	---	---	---	27.895	27.884	27.847	27.820	27.785	27.688	27.640	---	14
15	---	---	---	---	27.894	27.882	27.858	27.817	27.784	27.684	27.641	---	15
16	---	---	---	---	27.890	27.889	27.858	27.817	27.781	27.682	---	---	16
17	---	---	---	---	27.886	27.884	27.858	27.818	27.788	27.677	---	---	17
18	---	---	---	---	27.888E	27.849	27.854	27.815	27.785	27.673	---	---	18
19	---	---	---	---	27.885	27.845	27.885	27.814	27.752	27.670	---	---	19
20	---	---	---	---	27.887	27.844	27.883	27.808	27.748	27.667	---	---	20
21	---	---	---	---	27.879	27.889	27.889	27.808	27.747	27.665	---	---	21
22	---	---	---	---	27.877	27.887	27.857	27.805E	27.745	27.663	---	---	22
23	---	---	---	---	27.874	27.845	27.856	27.802E	27.744	27.663	---	---	23
24	---	---	---	---	27.872	27.880	27.853	27.799	27.742	27.662	---	---	24
25	---	---	---	---	27.871	27.855	27.850	27.802	27.740	27.659	---	---	25
26	---	---	---	---	27.872	27.850	27.855	27.803	27.737	27.657	---	---	26
27	---	---	---	---	27.877	27.845	27.856	27.804	27.734	27.655	---	---	27
28	---	---	---	---	27.882	27.835	27.856	27.801	27.731	27.653	---	---	28
29	---		---	---	27.882	27.833	27.855	27.800	27.729	27.652	---	---	29
30	---		---	---	27.881	27.843	27.848	27.798	27.726	27.650	---	---	30
31	---		---		27.883		27.848	27.795		27.648		---	31
MEAN	---	---	---	---	---	27.880	27.851	27.815	27.761	27.684	---	---	MEAN
MAX	---	---	---	---	---	27.882	27.885	27.847	27.781	27.725	---	---	MAX
MIN	---	---	---	---	---	27.833	27.843	27.795	27.726	27.648	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 29 52 N
LONG 107 03 32 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MOSQUITO CREEK NEAR PAMBRUN - STATION NO 05JB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.728	0.008	0	0	0	0	0	---	---	1
2	---	0 B	0 B	0.444	0.010	0	0	0	0	0	---	---	2
3	---	0 B	0 B	0.269	0.008	0	0	0	0	0	---	---	3
4	---	0 B	0.0178	0.219	0.005	0	0	0	0	0	---	---	4
5	---	0 B	0.0908	0.184	0.004	0	0	0	0	0	---	---	5
6	---	0 B	0.0638	0.120	0.004	0	0	0	0	0	---	---	6
7	---	0 B	0.2518	0.087	0.003	0	0	0	0	0	---	---	7
8	---	0 B	0.0888	0.071	0.003	0	0	0	0	0	---	---	8
9	---	0 B	0.0718	0.063	0.002	0	0	0	0	0	---	---	9
10	---	0 B	0.0788	0.061	0.001	0	0	0	0	0	---	---	10
11	---	0 B	0.0438	0.064	0.001	0	0	0	0	0	---	---	11
12	---	0 B	0.0388	0.044	0.001	0	0	0	0	0	---	---	12
13	---	0 B	0.0208	0.027	0	0	0	0	0	0	---	---	13
14	---	0 B	0.0178	0.038	0	0	0	0	0	0	---	---	14
15	---	0 B	0.0188	0.037	0	0	0	0	0	0	---	---	15
16	---	0.0068	0.0128	0.035	0	0	0	0	0	0	---	---	16
17	---	0.0128	0.0268	0.033	0	0	0	0	0	0	---	---	17
18	---	0.0068	0.0868	0.029	0	0	0	0	0	0	---	---	18
19	---	0.0058	0.0428	0.038	0	0	0	0	0	0	---	---	19
20	---	0.0048	0.0608	0.037	0	0	0	0	0	0	---	---	20
21	---	0.0028	0.1878	0.026	0	0	0	0	0	0	---	---	21
22	---	0.0018	0.1738	0.023	0	0	0	0	0	0	---	---	22
23	---	0 B	0.1188	0.024	0	0	0	0	0	0	---	---	23
24	---	0.0018	0.0818	0.022	0	0	0	0	0	0	---	---	24
25	---	0.0038	0.1048	0.021	0	0	0	0	0	0	---	---	25
26	---	0.0018	0.840	0.018	0	0	0	0	0	0	---	---	26
27	---	0.0018	1.35	0.018	0	0	0	0	0	0	---	---	27
28	---	0 B	0.583	0.015	0	0	0	0	0	0	---	---	28
29	---		0.523	0.013	0	0	0	0	0	0	---	---	29
30	---		0.431	0.012	0	0	0	0	0	0	---	---	30
31	---		0.744		0		0	0		0		---	31
TOTAL	---	0.044	5.880	2.810	0.052	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.002	0.225	0.094	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	0.012	1.35	0.728	0.010	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0.012	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.038
MAXIMUM DAILY, 1.35 ON MAR 27
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
1.97 AT 23 08 CST ON MAR 28

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 37 N
LONG 107 28 13 W
DRAINAGE AREA, 124 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	3.80	AUG	0
MAR	503	SEP	0
APR	243	OCT	0
MAY	4.48	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 754 dam³

MUDDY LAKE INFLOW NEAR REVENUE - STATION NO. 06CB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3988	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.3148	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.1308	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.080	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.055	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.030	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.017	0	0	0	0	0	0	---	---	7
8	---	---	0.0358	0.007	0	0	0	0	0	0	---	---	8
9	---	---	0.0198	0.005	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.008	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.006	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.003	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.002	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.0838	0	0	0	0	0	0	0	---	---	25
26	---	---	0.3838	0	0	0	0	0	0	0	---	---	26
27	---	---	0.8708	0	0	0	0	0	0	0	---	---	27
28	---	---	1.82 B	0	0	0	0	0	0	0	---	---	28
29	---		0.4788	0	0	0	0	0	0	0	---	---	29
30	---		0.2088	0	0	0	0	0	0	0	---	---	30
31	---		0.5108		0		0	0		0		---	31
TOTAL	---	---	4.475	1.083	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.144	0.036	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.82	0.398	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 023
MAXIMUM DAILY, 1 820 ON MAR 28
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2 870 AT 22 41 CST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 50 N
LONG 109 02 10 W
DRAINAGE AREA, 252 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	387	SEP	0
APR	91 0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 478 dam³

REMARKS - BRIDGE DOWNSTREAM FROM THE STATION REMOVED AND REPLACED BY CULVERTS IN MAY 1987

MUSKEG RIVER NEAR FORCIER LAKE - STATION NO. 06BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17 78	14 48	15 78	17 18	63 5	45.6	27.7	19.2	14 8	13 8	16.3	14 38	1
2	17.98	14 78	16 68	17 18	63.2	45 1	26 9	19 0	14 7	13 8	16 3	14 28	2
3	17 78	14 88	16.68	17 18	63 1	44 2	26 2	18 7	14 6	13.6	16 2	14 18	3
4	17 78	14 88	16 68	17.48	63.3	43 4	25.6	18 4	14 5	13.8	16 9	13 88	4
5	17.88	14.58	16 98	18.98	63.4	43.1	24.8	18 1	14 4	13.4	14.4	13 88	5
6	17 58	14 18	16 88	17.18	63.2	42.8	24 3	17 8	14 3	13.4	9 08	13 48	6
7	17.48	14.88	15.58	16 68	62 8	43 4	33.9	17.4	14 4	13 7	9 41	13.38	7
8	17 28	14.48	16.38	20 48	62.2	43.8	33 5	17.4	14 9	14 3	16.5 B	13.48	8
9	17 18	14.58	15 38	23 48	61 8	43 1	33.1	17 4	15 3	14 3	15.0 B	13 38	9
10	17 28	14.28	15 48	25 48	61 0	42 5	32 5	17 3	15 4	14 6	15.1 B	13 88	10
11	17 28	14.08	15 48	26 58	60 4	42 1	32 0	18 1	15 6	14 7	15.9 B	13 88	11
12	17 18	14 08	15.38	27.38	59 9	41 8	31 4	17.8	15.2	14 9	16.1 B	13.78	12
13	17 18	14.08	15.28	28 08	59 3	40 8	31 1	17 7	15 1	15 0	15 7 B	13 88	13
14	17 08	14.48	15.08	28 98	58 8	39 7	30.8	17 5	14 8	15.4	15 5 B	13 58	14
15	16 88	14.58	15.28	30 58	58.0	38 7	30 5	17.3	14.7	15 7	14.6 B	13 48	15
16	16 88	14.78	14 88	32 88	57 2	37 8	30 8	17 3	14 7	15 7	14 5 B	13 48	16
17	16 58	15 18	14 78	36 38	56 2	36 6	30 6	16 9	14 6	15 4	15 1 B	13 38	17
18	16 28	15 38	14 68	40 68	55 2	35 7	30 5	16 8	14 7	15 4	14 8 B	13 28	18
19	16 08	15 48	14 78	44 78	54 9	34 8	30 3	16 8	14 8	15 3	15 5 B	13 48	19
20	16 08	15 58	16 08	48 58	54 7	33 8	30 1	16.6	14.8	15 4	15.3 B	13 38	20
21	15 88	15 58	15 38	49 88	54 2	33 1	19.7	16 3	14 5	15 8	15 5 B	13.38	21
22	15 58	15 78	15 58	52 18	53 9	32 3	19 3	16 0	14 3	15 6	16 1 B	13 28	22
23	15 48	15 88	15 98	52 28	53 3	31 3	19 1	15 9	14 2	15 8	15 4 B	13.38	23
24	15 48	15 08	15 18	55 8	52 4	30 7	18 7	15.7	14 3	16 0	15 7 B	13 18	24
25	15 48	15 18	16 28	56 9	51 6	29 9	18 3	15 6	14 3	16 6	15 2 B	13 08	25
26	15 38	15 28	16 38	58 2	50 8	29 1	18 5	15 4	14 3	15 7	15 2 B	12 98	26
27	15 28	15 18	16 48	59 6	49 9	28 5	18 6	15 2	14 3	15 4	15 1 B	13 68	27
28	15 08	15 58	16 48	61 2	49 4	28 4	18 6	15 0	14 2	15 8	15 1 B	12 78	28
29	14 98		16 38	62 5	48 6	27 8	18 3	15 0	14 1	15 7	14 9 B	12 78	29
30	14 78		16 48	63 3	47 5	27 8	19 6	15 0	14 0	15 5	14 5 B	12 68	30
31	14 58		16 88		46 6		19 5	14 8		15 9		12 58	31
TOTAL	509 2	419 6	482 6	1 106 3	1 759 7	1 117 6	685 7	523 0	436 5	484 8	450 80	413 9	TOTAL
MEAN	16 4	15 0	15 6	35 5	56 8	37 3	21 9	16 9	14 6	15 0	15 0	13 4	MEAN
MAX	17 8	16 2	16 8	63 3	63 5	45 6	27 7	19 2	15 6	16 6	16 9	14 3	MAX
MIN	14 5	14 0	14 5	16 8	46 6	27 8	18 3	14 8	14 0	13 4	9 08	12 5	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22 9
MAXIMUM DAILY, 63 5 ON MAY 1
MINIMUM DAILY, 9 08 ON NOV 6
MAXIMUM INSTANTANEOUS,
63 7 AT 06 49 CST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 05 30 N
LONG 107 35 30 W
DRAINAGE AREA 5 940 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 000	JUL	57 500
FEB	36 300	AUG	46 200
MAR	41 700	SEP	37 900
APR	95 600	OCT	40 200
MAY	152 000	NOV	38 900
JUN	88 600	DEC	35 800

TOTAL DISCHARGE, 722 000 dam³

NASHLYN CANAL NEAR CONSUL - STATION NO 11AB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.418B	0	0.002	0	0	0	0	---	---	1
2	---	---	0	0.180B	0	0	0	0	0	0	---	---	2
3	---	---	0	0.322B	0	0	0	0	0	0	---	---	3
4	---	---	0	0.577B	0	0	0	0	0	0	---	---	4
5	---	---	0.338A	0.845	0	0	0	0	0	0	---	---	5
6	---	---	1.15	0.862	0	0	0	0	0	0	---	---	6
7	---	---	1.33 B	0.678	0	0	0	0	0	0	---	---	7
8	---	---	1.31 B	0.748	0	0	0	0	0	0	---	---	8
9	---	---	1.17 B	0.482	0	0	0	0	0	0	---	---	9
10	---	---	0.983B	0.083	0	0	0	0	0	0	---	---	10
11	---	---	0.829B	0.053	0	0	0	0	0	0	---	---	11
12	---	0	0.801B	0.047	0	0	0	0	0	0	---	---	12
13	---	0	0.808B	0.045	0	0	0	0	0	0	---	---	13
14	---	0	0.815B	0.045	0	0	0	0	0	0	---	---	14
15	---	0	0.874B	0.044	0	0	0	0	0	0	---	---	15
16	---	0	0.903B	0.040	0	0	0	0	0	0	---	---	16
17	---	0	0.861B	0.038	0	0	0	0	0	0	---	---	17
18	---	0	1.03 B	0.042	0	0	0	0	0	0	---	---	18
19	---	0	1.01 B	0.043	0.184A	0	0	0	0	0	---	---	19
20	---	0	1.01 B	0.039	0.854	0	0	0	0	0	---	---	20
21	---	0	0.973B	0.041	0.732	0	0	0	0	0	---	---	21
22	---	0	1.02 B	0.040	1.08	0	0	0	0	0	---	---	22
23	---	0	0.978B	0.028	1.08	0	0	0	0	0	---	---	23
24	---	0	0.951B	0.007	1.08	0	0	0	0	0	---	---	24
25	---	0	0.848B	0	1.07	0	0	0	0	0	---	---	25
26	---	0	0.568B	0	0.836	0	0	0	0	0	---	---	26
27	---	0	0.587B	0	0.282	0	0	0	0	0	---	---	27
28	---	0	0.482	0	0.042	0	0	0	0	0	---	---	28
29	---		0.435	0	0.016	0	0	0	0	0	---	---	29
30	---		0.405	0	0.008	0	0	0	0	0	---	---	30
31	---		0.388		0.006		0			0		---	31
TOTAL	---	---	23.885	9.436	7.031	0.002	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.738	0.181	0.227	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.33	0.748	1.08	0.002	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.144
MAXIMUM DAILY, 1.33B ON MAR 7
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 56 N
LONG 105 33 27 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 980	SEP	0
APR	470	OCT	0
MAY	807	NOV	---
JUN	0.17	DEC	---

TOTAL DISCHARGE, 3 060 dam³

NEMEIBEN LAKE NEAR LA RONGE - STATION NO 05CB003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	370.814	---	---	---	---	---	1
2	---	---	---	---	---	370.887	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	370.815	---	370.804	370.815	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	370.838	370.881	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	370.878	---	---	---	---	---	10
11	---	---	---	---	---	370.853	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	370.862	---	---	---	---	---	---	---	15
16	---	---	---	---	---	370.848	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	370.862	---	---	---	---	---	---	---	20
21	---	---	---	---	370.857	370.833	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	370.823	370.880	---	---	370.337	---	---	23
24	---	---	---	---	---	---	370.853	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	370.863	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	370.848	---	---	---	---	---	27
28	---	---	---	---	---	370.822	---	---	---	---	---	---	28
29	---		---	---	370.882	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		370.833	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 15 38 N
LONG 105 22 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEWTON LAKE - STATION NO. 11AC058

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	802.837	803.344	803.524	802.938	802.737	801.862	801.778A	801.879	---	---	1
2	---	---	802.928	803.327	803.525	802.916	802.732	801.880	801.774	801.888	---	---	2
3	---	---	802.918	803.327	803.533	802.886	802.726	801.882	801.768	801.904	---	---	3
4	---	---	802.918	803.334	803.538	802.876	802.731	801.868	801.761	801.919	---	---	4
5	---	---	802.881	803.400	803.547	802.876	802.725	801.885	801.761	801.939	---	---	5
6	---	---	803.007	803.523	803.580	802.880	802.692	801.862	801.788	801.944	---	---	6
7	---	---	803.078	803.811	803.578	802.880	802.634	801.867	801.748	801.950	---	---	7
8	---	---	803.359	803.853	803.588	802.878	802.577	801.886	801.747	801.954	---	---	8
9	---	---	803.584	803.891	803.588	802.884	802.513	801.882	801.747	801.975	---	---	9
10	---	802.882A	803.598	803.894	803.582	802.887	802.462	801.868	801.783	801.985	---	---	10
11	---	802.878	803.598	803.878	803.572	802.881	802.378	801.958	801.781	802.000	---	---	11
12	---	802.888	803.598	803.870	803.580	802.847	802.316	801.938A	801.758	802.011	---	---	12
13	---	802.887	803.613	803.843	803.482	802.838A	802.283	801.922E	801.759	802.021	---	---	13
14	---	802.908	803.842	803.808	803.437	802.823E	802.181	801.911E	801.782	802.026	---	---	14
15	---	802.910	803.834	803.535	803.414	802.808E	802.127	801.902A	801.782	802.032	---	---	15
16	---	802.911	803.572	803.483	803.377	802.800E	802.083	801.893E	801.771	802.033	---	---	16
17	---	802.918	803.487	803.472	803.318	802.789E	802.004	801.888E	801.788A	802.035	---	---	17
18	---	803.929	803.414	803.459	803.261	802.788E	801.987	801.879E	801.802A	802.030	---	---	18
19	---	802.948	803.412	803.448	803.280	802.783E	801.956	801.872E	801.808E	802.026	---	---	19
20	---	802.987	803.390	803.446	803.218	802.778E	801.877	801.883E	801.814E	802.014	---	---	20
21	---	802.978	803.372	803.485	803.177	802.770E	801.850	801.858E	801.820E	802.002	---	---	21
22	---	802.978	803.384	803.473	803.140	802.784E	801.935	801.848E	801.828E	802.004	---	---	22
23	---	802.982	803.384	803.485	803.104	802.788E	801.830	801.841E	801.832E	801.992	---	---	23
24	---	802.979	803.382	803.505	803.078	802.780E	801.924	801.834E	801.838E	801.982	---	---	24
25	---	802.971	803.372	803.524	803.052	802.743E	801.924	801.827E	801.845E	801.980	---	---	25
26	---	802.985	803.380	803.530	803.038	802.741	801.927	801.820E	801.851E	801.978	---	---	26
27	---	802.981	803.408	803.537	803.014	802.742	801.922	801.814E	801.857E	801.985	---	---	27
28	---	802.943	803.418	803.544	803.001	802.738	801.923	801.807E	801.883E	801.981A	---	---	28
29	---		803.411	803.530	802.978	802.738	801.949	801.801E	801.870E	801.981E	---	---	29
30	---		803.400	803.526	802.958	802.732	801.981	801.784E	801.877A	801.983E	---	---	30
31	---		803.374		802.951		801.984	801.787E		801.984E		---	31
MEAN	---	---	803.380	803.515	803.321	802.815	802.230	801.893	801.795	801.978	---	---	MEAN
MAX	---	---	803.842	803.894	803.588	802.938	802.737	801.958	801.877	802.035	---	---	MAX
MIN	---	---	802.918	803.327	802.951	802.732	801.923	801.787	801.747	801.879	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 803.894 ON APR 10
MINIMUM DAILY, 801.747 ON SEP 8
MAXIMUM INSTANTANEOUS,
803.947 AT 13 00 CST ON APR 7

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY .052 m ADJUSTMENT TO CONVERT TO TOPOGRAPHIC SURVEY DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 18 12 N
LONG 107 48 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1937

NEWTON LAKE MAIN CANAL - STATION NO. 11AC054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.783	0	0	0.084	0	---	---	1
2	---	---	0	0	0	0.923	0	0	0.084	0	---	---	2
3	---	---	0	0	0	0.882	0	0	0.035	0	---	---	3
4	---	---	0	0	0	0.482	0	0	0	0	---	---	4
5	---	---	0	0	0	0.083	0	0	0	0	---	---	5
6	---	---	0	0	0	0	2.86	0	0	0	---	---	6
7	---	---	0	0	0	0	3.03	0.044	0	0	---	---	7
8	---	---	0	0	0	0	3.11	0.105	0	0	---	---	8
9	---	---	0	0	0	0	3.15	0.105	0	0	---	---	9
10	---	---	0	0	0	0	2.89	0.105	0	0	---	---	10
11	---	---	0	0	1.78	0	2.86	0.105	0	0	---	---	11
12	---	---	0	0	2.47	0	2.83	0.031	0	0	---	---	12
13	---	---	0	0	2.94	0	2.79	0.042	0	0	---	---	13
14	---	---	0	0	3.08	0	2.85	0.086	0	0	---	---	14
15	---	---	0	0	2.88	0	2.91	0.053	0	0	---	---	15
16	---	---	0	0	2.52	0	2.67	0.052	0	0	---	---	16
17	---	---	0	0	2.83	0	2.42	0.052	0	0	---	---	17
18	---	---	0	0	2.57	0	1.87	0.054	0	0	---	---	18
19	---	---	0	0	2.46	0	1.23	0.059	0	0	---	---	19
20	---	---	0	0	2.52	0	1.15	0.058	0	0	---	---	20
21	---	---	0	0	2.44	0	1.05	0.059	0	0	---	---	21
22	---	---	0	0	2.21	0	0.933	0.058	0	0	---	---	22
23	---	---	0	0	2.21	0	0.838	0.058	0	0	---	---	23
24	---	---	0	0	2.20	0	0.300	0.058	0	0	---	---	24
25	---	---	0	0	2.14	0	0.259	0.058	0	0	---	---	25
26	---	0	0	0	1.84	0	0.570	0.058	0	0	---	---	26
27	---	0	0	0	1.48	0	0.484	0.058	0	0	---	---	27
28	---	0	0	0	0.808	0	0.322	0.058	0	0	---	---	28
29	---		0	0	1.09	0	0	0.083	0	0	---	---	29
30	---		0	0	0.790	0	0	0.084	0	0	---	---	30
31	---		0		0.509		0	0.084		0		---	31
TOTAL	---	---	0	0	44.308	3.173	43.874	1.580	0.163	0	---	---	TOTAL
MEAN	---	---	0	0	1.43	0.106	1.42	0.051	0.005	0	---	---	MEAN
MAX	---	---	0	0	3.08	0.923	3.15	0.105	0.084	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.380
MAXIMUM DAILY, 3.15 ON JUL 6
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 18 18 N
LONG 107 48 05 W

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 790
FEB	---	AUG	137
MAR	0	SEP	14.1
APR	0	OCT	0
MAY	3 830	NOV	---
JUN	274	DEC	---

TOTAL DISCHARGE, 8 050 dam³

NICKLE LAKE NEAR WEYBURN - STATION NO 05NB020

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	582.488	582.428	582.402	582.885	582.973	582.867	582.831	582.522	582.336	582.243	582.121	582.050	1
2	582.487	582.432	582.402	582.901	582.973	582.852	582.815	582.512	582.328	582.227	582.123	582.049	2
3	582.488	582.428	582.400	582.932	582.976	582.831	582.810	582.503	582.325A	582.224	582.120	582.048	3
4	582.488	582.427	582.400	582.951	582.973	582.823	582.808	582.494A	582.317	582.233	582.120	582.046	4
5	582.484	582.427	582.405	582.978	582.974	582.818	582.802	582.483A	582.308A	582.219	582.111	582.045	5
6	582.483	582.427	582.412	582.995	582.983	582.815	582.807	582.485A	582.305A	582.208	582.108	582.043	6
7	582.481	582.428	582.416	583.008	582.980	582.809	582.802A	582.478E	582.297	582.200	582.110	582.042	7
8	582.480	582.427	582.415	583.017	582.958	582.787	582.788E	582.472E	582.289	582.208	582.104	582.041	8
9	582.458	582.425	582.414	583.045	582.945	582.788	582.808E	582.466E	582.285A	582.180	582.101	582.038	9
10	582.457	582.424	582.413	583.048	582.941	582.783	582.812E	582.481A	582.287	582.182	582.098	582.038	10
11	582.456	582.424	582.411	583.043	582.928	582.780	582.813E	582.482A	582.282	582.178	582.097	582.038	11
12	582.454	582.424	582.410	583.052	582.920	582.772	582.808E	582.487E	582.278	582.178	582.094	582.035	12
13	582.454	582.421	582.408	583.051	582.918	582.784	582.798E	582.482E	582.271	582.180	582.092	582.033	13
14	582.454	582.421	582.410	583.049	582.901A	582.748	582.892E	582.480E	582.288	582.184	582.088	582.030	14
15	582.451	582.419	582.412	583.051	582.900A	582.738	582.884E	582.481E	582.285	582.182	582.094	582.027	15
16	582.448	582.417	582.411	583.048	582.880A	582.728	582.877E	582.442E	582.272	582.184	582.088	582.026	16
17	582.446	582.416	582.411	583.047	582.880A	582.725	582.872E	582.435E	582.270	582.184	582.083	582.024	17
18	582.449	582.414	582.413	583.043	582.880A	582.714	582.870E	582.428E	582.268	582.185	582.080	582.021	18
19	582.448	582.412	582.418	583.051	582.880A	582.705	582.871E	582.421E	582.258	582.187	582.077	582.020	19
20	582.448	582.410	582.423	583.032	582.880A	582.898	582.864E	582.415E	582.255	582.181	582.072	582.019	20
21	582.445	582.410	582.440	583.020	582.880A	582.892	582.858E	582.407E	582.250	582.168	582.068	582.015	21
22	582.440	582.408	582.483	583.023	582.850A	582.889	582.850A	582.400E	582.247	582.165	582.068	582.013	22
23	582.438	582.407	582.540	583.015	582.850A	582.889	582.545	582.392E	582.242	582.164	582.065	582.012	23
24	582.439	582.406	582.584	583.008	582.840A	582.883	582.537	582.388E	582.236	582.138	582.063	582.010	24
25	582.437	582.404	582.620	583.008	582.840A	582.873	582.532	582.378E	582.231	582.138	582.062	582.008	25
26	582.433	582.405	582.578	583.006	582.833A	582.856	582.523	582.371E	582.225	582.144	582.058	582.006	26
27	582.433	582.405	582.729	582.993	582.846	582.851	582.518	582.385E	582.229	582.132	582.058	582.004	27
28	582.430	582.404	582.787	582.991	582.885	582.848	582.511	582.387A	582.282	582.130	582.055	582.002	28
29	582.429		582.785	582.981	582.884	582.838	582.509	582.358	582.248	582.130	582.055	582.003	29
30	582.427		582.810	582.974	582.858	582.833	582.520	582.350	582.243	582.125	582.051	582.002	30
31	582.428		582.840		582.852		582.521	582.348		582.123		581.999	31
MEAN	582.449	582.418	582.488	583.006	582.900	582.740	582.573	582.433	582.272	582.170	582.088	582.025	MEAN
MAX	582.488	582.432	582.840	583.052	582.976	582.867	582.831	582.522	582.336	582.243	582.123	582.050	MAX
MIN	582.428	582.404	582.400	582.885	582.833	582.832	582.509	582.348	582.225	582.123	582.051	581.999	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 582.484
MAXIMUM DAILY, 583.052 ON APR 13
MINIMUM DAILY, 581.999 ON DEC 31
MAXIMUM INSTANTANEOUS,
583.068 AT 15 34 CST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 33 N
LONG 103 47 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

NORBURY CREEK NEAR SPIRITWOOD - STATION NO 05AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.088	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.051	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.043	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.033	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.028	0	0	0	0	0	---	---	5
6	---	---	0B	0.0138	0.130	0	0	0	0	0	---	---	6
7	---	---	0B	0.4678	0.088	0	0	0	0	0	---	---	7
8	---	---	0B	0.7848	0.056	0	0	0	0	0	---	---	8
9	---	---	0B	0.7088	0.050	0	0	0	0	0	---	---	9
10	---	---	0B	0.5018	0.042	0	0	0	0	0	---	---	10
11	---	---	0B	0.3498	0.034	0	0	0	0	0	---	---	11
12	---	---	0B	0.2328	0.028	0	0	0	0	0	---	---	12
13	---	---	0B	0.178	0.020	0	0	0	0	0	---	---	13
14	---	---	0B	0.140	0.018	0	0	0	0	0	---	---	14
15	---	---	0B	0.118	0.014	0	0	0	0	0	---	---	15
16	---	---	0B	0.103	0.013	0	0	0	0	0	---	---	16
17	---	---	0B	0.093	0.012	0	0	0	0	0	---	---	17
18	---	---	0B	0.078	0.011	0	0	0	0	0	---	---	18
19	---	---	0B	0.077	0.010	0	0	0	0	0	---	---	19
20	---	---	0B	0.076	0.008	0	0	0	0	0	---	---	20
21	---	---	0B	0.072	0.284	0	0	0	0	0	---	---	21
22	---	---	0B	0.071	0.098	0	0	0	0	0	---	---	22
23	---	---	0B	0.070	0.003	0	0	0	0	0	---	---	23
24	---	---	0B	0.088	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.083	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.078	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.084	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.084	0	0	0	0	0	0	---	---	28
29	---		0B	0.073	0	0	0	0	0	0	---	---	29
30	---		0B	0.085	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	4.822	1.100	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.154	0.035	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.784	0.284	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.023
MAXIMUM DAILY, 0.7848 ON APR 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.8208 AT 10 50 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 17 N
LONG 107 38 01 W
DRAINAGE AREA, 433 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	388	OCT	0
MAY	85.0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 494 dam³

NORTH SASKATCHEWAN RIVER AT PRINCE ALBERT - STATION NO. 05GG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1488	1388	1528	1608	328	244	322	237	181	145	143	108 B	1
2	1388	1388	1588	1648	318	228	286	243	175	147	132	121 B	2
3	1318	1388	1608	1708	308	218	218	241	174	158	127	132 B	3
4	1488	1388	1588	1758	292	233	227	228	183	180	128	132 B	4
5	1578	1338	1488	1848	272	241	247	217	181	157	118	131 B	5
6	1578	1288	1318	1938	262	253	240	228	178	158	112	127 B	6
7	1478	1288	1288	2068	266	264	216	348	178	148	110	124 B	7
8	1358	1328	1338	2378	283	239	188	270	184	144	111	120 B	8
9	1338	1388	1388	2638	256	218	187	260	158	157	116 B	114 B	9
10	1388	1428	1348	3648	257	204	178	225	185	183	120 B	108 B	10
11	1488	1458	1208	4648	248	204	172	214	213	180	123	103 B	11
12	1508	1418	1138	7508	238	217	167	212	228	178	118	94 88	12
13	1388	1328	1118	8718	228	212	174	228	207	170	113	83 68	13
14	1228	1288	1188	858	228	188	187	228	183	162	112	76 38	14
15	1148	1388	1328	808	238	188	187	211	178	161	118	71 08	15
16	1188	1428	1368	584	227	183	214	202	172	148	118	75 18	16
17	1188	1488	1338	811	238	135	247	197	170	147	122	67 88	17
18	1208	1528	1388	886	241	180	247	188	181	153	117	102 B	18
19	1238	1488	1408	853	227	183	248	178	158	158	84 1	113 B	19
20	1368	1378	1288	581	208	208	254	187	183	158	130 B	116 B	20
21	1288	1388	1208	842	228	224	244	188	180	151	132 B	117 B	21
22	1288	1478	1278	808	248	222	222	178	183	137	112 B	111 B	22
23	1238	1588	1388	490	284	216	212	185	141	128	88 88	104 B	23
24	1228	1888	1518	474	284	211	217	180	131	127	104 B	98 88	24
25	1318	1888	1588	458	243	218	233	171	134	138	107 B	92 38	25
26	1388	1828	1588	388	223	232	238	173	151	133	114 B	88 28	26
27	1418	1808	1508	351	221	243	227	178	158	128	118 B	88 48	27
28	1428	1448	1368	325	228	284	210	202	148	122	118 B	95 38	28
29	1438		1318	328	237	284	188	223	147	118	100 B	97 58	29
30	1428		1398	338	233	244	208	218	158	118	98 48	93 28	30
31	1388		1818		231		230	200		138		88 28	31
TOTAL	4 181	3 882	4 285	12 853	7 730	6 470	6 873	6 467	5 018	4 585	3 488 3	3 210 0	TOTAL
MEAN	135	142	138	422	248	216	215	208	167	147	115	104	MEAN
MAX	167	188	180	871	328	284	284	270	226	183	143	132	MAX
MIN	114	138	111	180	208	135	187	158	131	118	84 1	71 0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 188
MAXIMUM DAILY, 8718 ON APR 13
MINIMUM DAILY, 71 08 ON DEC 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 12 10 N
LONG 105 46 05 W
DRAINAGE AREA, 131 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	361 000	JUL	577 000
FEB	344 000	AUG	569 000
MAR	368 000	SEP	434 000
APR	1 090 000	OCT	394 000
MAY	668 000	NOV	288 000
JUN	559 000	DEC	277 000

TOTAL DISCHARGE, 5 930 000 dam³

NORTH SASKATCHEWAN RIVER NEAR DEER CREEK - STATION NO. 05EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1338	1288	1228	1808	311	242	229	244	175	133	98 0	103 B	1
2	1188	1408	1358	1818	228	240	188	288	188	121	100	94 38	2
3	1168	1448	1458	1588	228	231	178	288	149	131	114	92 78	3
4	1238	1478	1328	1888	218	185	168	258	144	158	118	93 08	4
5	1348	1478	1138	2098	228	189	173	224	178	172	118	88 58	5
6	1428	1488	1188	2618	223	188	188	224	248	180	114	78 78	6
7	1318	1318	1148	3148	208	213	181	215	204	164	102	71 38	7
8	1118	1288	1248	3428	188	198	188	238	188	151	105	88 38	8
9	1008	1388	1428	3528	201	188	181	228	171	118	114	90 18	9
10	1108	1488	1408	3208	202	182	188	218	180	148	113	111 B	10
11	1088	1488	1338	3088	203	117	248	208	158	131	121	117 B	11
12	1188	1588	1488	3388	217	124	271	204	151	142	121	118 B	12
13	1208	1558	1508	3388	228	185	253	184	148	144	121 B	107 B	13
14	1228	1348	1208	3128	201	284	258	177	145	148	123 B	100 B	14
15	1248	1388	1118	3518	181	228	281	187	151	145	118 B	91 08	15
16	1288	1478	1308	3678	215	232	243	175	138	128	125 B	83 78	16
17	1198	1588	1548	4068	231	215	218	192	133	118	128 B	78 58	17
18	1138	1628	1618	452	247	211	216	188	112	108	124 B	88 28	18
19	1308	1608	1578	407	246	218	231	182	113	131	131 B	74 38	19
20	1388	1528	1488	428	222	228	253	175	128	130	125 B	82 48	20
21	1438	1388	1178	378	182	238	243	181	150	115	130 B	84 08	21
22	1428	1318	1108	338	205	252	238	188	137	104	138 B	88 78	22
23	1448	1488	1348	281	188	267	213	231	138	98 3	138 B	78 48	23
24	1448	1508	1518	277	211	285	208	238	138	108	138 B	78 88	24
25	1378	1558	1548	301	194	328	234	213	132	128	137 B	88 78	25
26	1348	1608	1488	298	207	282	258	188	128	144	138 B	81 18	26
27	1388	1488	1488	288	223	282	285	187	138	123	102 B	84 88	27
28	1378	1278	1448	262	188	218	258	183	148	118	84 38	81 48	28
29	1408		1548	254	187	238	258	187	148	132	88 88	81 58	29
30	1378		1588	232	218	254	238	158	137	137	103 B	81 28	30
31	1288		1558		223		228	174		188		87 88	31
TOTAL	3 987	4 052	4 283	5 031	6 576	6 285	6 813	6 352	4 528	4 034 3	3 531 2	2 758 3	TOTAL
MEAN	128	145	138	381	212	218	223	285	151	138	118	88 9	MEAN
MAX	144	163	181	452	248	287	271	288	248	172	138	118	MAX
MIN	188	138	118	158	181	117	181	158	112	88 3	84 3	88 3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 171
MAXIMUM DAILY, 452 ON APR 18
MINIMUM DAILY, 88 38 ON DEC 4
MAXIMUM INSTANTANEOUS,
519 AT 17 25 CST ON APR 18

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 00 N
LONG 105 38 40 W
DRAINAGE AREA, 57 100 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	342 000	JUL	587 000
FEB	350 000	AUG	548 000
MAR	368 000	SEP	381 000
APR	780 000	OCT	349 000
MAY	588 000	NOV	305 000
JUN	544 000	DEC	238 000

TOTAL DISCHARGE, 5 380 000 dam³

NOTUKEU CREEK ABOVE ADMIRAL RESERVOIR - STATION NO 05JB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0139	0.581	0.038	0	0	0.839	0	0	---	---	1
2	---	---	0.0099	0.498	0.028	0	0	0.446	0	0	---	---	2
3	---	---	0.1819	0.436	0.024	0	0	0.337	0	0	---	---	3
4	---	---	0.6499	0.405	0.021	0	0	0.282	0	0	---	---	4
5	---	---	1.03 B	0.359	0.020	0	0	0.280	0	0	---	---	5
6	---	---	0.9088	0.318A	0.014	0	0	0.188	0	0	---	---	6
7	---	---	0.3558	0.300E	0.002	0	0	0.002	0	0	---	---	7
8	---	---	0.0248	0.280E	0.002	0	0	0.001	0	0	---	---	8
9	---	---	0.1308	0.265E	0.001	0	0	0	0	0	---	---	9
10	---	1.10 B	0.1288	0.245E	0.001	0	0	0	0	0	---	---	10
11	---	1.09 B	0.0358	0.225E	0.001	0	0	0	0	0	---	---	11
12	---	0.9768	0.0218	0.210E	0.001	0	0	0	0	0	---	---	12
13	---	0.9298	0.0358	0.198A	0	0	0	0	0	0	---	---	13
14	---	0.7838	0.0678	0.102	0	0	0	0.025	0	0	---	---	14
15	---	0.5108	0.1438	0.114	0	0	0	0.006	0	0	---	---	15
16	---	0.4298	0.2618	0.083	0	0	0	0.009	0	0	---	---	16
17	---	0.4608	0.2718	0.038	0	0	0	0.008	0	0	---	---	17
18	---	0.3868	0.2678	0.080	0	0	0	0.004	0	0	---	---	18
19	---	0.2768	0.2128	0.068	0	0	0	0.004	0	0	---	---	19
20	---	0.2328	0.1938	0.062	0	0	0	0.004	0	0	---	---	20
21	---	0.1998	0.1588	0.068	0	0	0	0.002	0	0	---	---	21
22	---	0.1698	0.1168	0.078	0	0	0	0.002	0	0	---	---	22
23	---	0.0148	0.1448	0.063	0	0	0	0.001	0	0	---	---	23
24	---	0.0138	0.1898	0.053	0	0	0	0.002	0	0	---	---	24
25	---	0.0248	0.2268	0.058	0	0	0	0.003	0	0	---	---	25
26	---	0.0228	0.2678	0.045	0	0	0	0.002	0	0	---	---	26
27	---	0.0138	0.2798	0.032	0	0	0	0.002	0	0	---	---	27
28	---	0.0178	0.5478	0.261	0	0	9.07	0.002	0	0	---	---	28
29	---	---	0.5358	0.184	0	0	8.30	0.002	0	0A	---	---	29
30	---	---	0.5768	0.071	0	0	6.14	0.001	0	0E	---	---	30
31	---	---	0.7818		0		2.58	0.001		0E		---	31
TOTAL	---	---	8.814	5.807	0.153	0	26.10	2.401	0	0	---	---	TOTAL
MEAN	---	---	0.284	0.194	0.005	0	0.842	0.077	0	0	---	---	MEAN
MAX	---	---	1.03	0.581	0.038	0	9.07	0.839	0	0	---	---	MAX
MIN	---	---	0.009	0.032	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.177
MAXIMUM DAILY, 9.07 ON JUL 28
MINIMUM DAILY, 0 ON MAY 13
MAXIMUM INSTANTANEOUS,
57.9E AT 20 08 CST ON JUL 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 32 N
LONG 108 07 31 W
DRAINAGE AREA, 483 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 280
FEB	---	AUG	207
MAR	762	SEP	0
APR	502	OCT	0
MAY	13.2	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 740 dam³

REMARKS - STAGE-DISCHARGE RELATION NOT DEFINED BY DISCHARGE MEASUREMENT ABOVE 13 m³/s

NOTUKEU CREEK NEAR VANGUARD - STATION NO. 05JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0508	0.1358	0.870	0.807	0.100E	0.022	0	0	0.029	---	---	1
2	---	0.0508	0.1358	0.893	0.573	0.120	0.017	0.001	0	0.032	---	---	2
3	---	0.0508	0.1408	0.903	0.589	0.100	0.015	0.005	0.001	0.037	---	---	3
4	---	0.0608	0.1458	0.888	1.20	0.108	0.014	0.018	0	0.043	---	---	4
5	---	0.0408	0.2438	0.881	0.946	0.232	0.007	0.033	0.002	0.041	---	---	5
6	---	0.1008	0.2678	0.974	0.897	0.223	0.008	0.040	0.008	0.045	---	---	6
7	---	0.1208	0.3188	0.808	0.813	0.231	0.003	0.039	0.010	0.044	---	---	7
8	---	0.1308	0.4288	0.793	0.860	0.280	0	0.041	0.012	0.040	---	---	8
9	---	0.1508	1.54 B	0.742	0.525	0.305	0	0.048	0.018	0.034	---	---	9
10	---	0.1708	1.17 B	0.705	0.495	0.296	0	0.052	0.021	0.036A	---	---	10
11	---	0.2008	0.9288	0.745	0.480	0.232	0	0.055	0.023	0.037E	---	---	11
12	---	0.2208	0.7858	1.44	0.439	0.184	0	0.052	0.023	0.038E	---	---	12
13	---	0.2508	0.6888	1.30	0.399	0.101	0	0.053	0.021	0.038E	---	---	13
14	---	0.2608	0.6258	1.80	0.392	0.078	0	0.057	0.020	0.040E	---	---	14
15	---	0.3308	0.5588	1.30	0.385	0.068	0	0.248	0.020	0.040E	---	---	15
16	---	0.3708	0.5488	1.33	0.349	0.069	0	0.170	0.020	0.042E	---	---	16
17	---	0.4108	0.5368	1.32	0.331	0.037	0	0.428	0.015	0.042E	---	---	17
18	---	0.4528	0.5518	1.38	0.305	0.020	0	0.259	0.010	0.044E	---	---	18
19	---	0.4008	0.5458	2.97	0.284	0.021	0.002	0.141	0.008	0.044E	---	---	19
20	---	0.3908	0.6038	4.43	0.234E	0.038	0	0.080	0.008	0.045E	---	---	20
21	---	0.3008	0.7288	4.46	0.202E	0.048	0	0.083	0.010	0.047E	---	---	21
22	---	0.2508	0.8088	1.28	0.178E	0.034	0	0.053	0.015	0.048E	---	---	22
23	---	0.2108	0.8548	1.09	0.155E	0.028	0	0.044	0.015	0.051E	---	---	23
24	---	0.1808	0.7728	1.18	0.135E	0.021	0	0.035	0.011	0.051E	---	---	24
25	---	0.1508	0.6838	0.877	0.118E	0.016	0	0.031	0.013	0.053E	---	---	25
26	---	0.1458	0.6908	0.785	0.100E	0.012	0	0.018	0.014	0.053E	---	---	26
27	---	0.1408	0.6188	0.723	0.084E	0.010	0	0.004	0.017	0.055E	---	---	27
28	---	0.1388	0.5348	0.667	0.092E	0.017	0	0	0.025	0.055E	---	---	28
29	---		0.5978	0.656	0.088E	0.021	0	0	0.028	0.056A	---	---	29
30	---		0.5138	0.621	0.088E	0.023	0	0	0.028	0.056E	---	---	30
31	---		0.510		0.090E		0	0		0.056E		---	31
TOTAL	---	5.735	18.780	36.803	11.710	3.034	0.065	2.118	0.412	1.373	---	---	TOTAL
MEAN	---	0.205	0.605	1.28	0.378	0.101	0.003	0.068	0.014	0.044	---	---	MEAN
MAX	---	0.452	1.54	4.46	1.20	0.305	0.022	0.428	0.028	0.056	---	---	MAX
MIN	---	0.050	0.135	0.621	0.068	0.010	0	0	0	0.029	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.299
MAXIMUM DAILY, 4.46 ON APR 21
MINIMUM DAILY, 0 ON JUL 8
MAXIMUM INSTANTANEOUS,
8.58 AT 22 18 CST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 03 N
LONG 107 11 06 W
DRAINAGE AREA, 3 530 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7.34
FEB	488	AUG	183
MAR	1 820	SEP	35.6
APR	3 330	OCT	118
MAY	1 010	NOV	---
JUN	282	DEC	---

TOTAL DISCHARGE, 7 060 dam³

REMARKS - THE PEAK DISCHARGE PROBABLY OCCURRED AS A RESULT OF UPSTREAM REGULATION

OPUNTIA LAKE WEST INFLOW - STATION NO. 05GC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.2628	0	0	0	0	0	0	---	---	1
2	---	---	0	0.2688	0	0	0	0	0	0	---	---	2
3	---	---	0	0.1308	0	0	0	0	0.042	0	---	---	3
4	---	---	0	0.064	0	0	0	0	0.083	0	---	---	4
5	---	---	0	0.037	0	0	0	0	0.095	0	---	---	5
6	---	---	0	0.015	0	0	0	0	0.086	0	---	---	6
7	---	---	0	0.007	0	0	0	0	0.088	0	---	---	7
8	---	---	0	0.005	0	0	0	0	0.086	0	---	---	8
9	---	---	0	0.004	0	0	0	0	0.088	0	---	---	9
10	---	---	0	0.004	0	0	0	0	0.087	0	---	---	10
11	---	---	0	0.003	0	0	0	0	0.085	0	---	---	11
12	---	---	0	0.003	0	0	0	0	0.084	0	---	---	12
13	---	---	0	0.003	0	0	0	0	0.063	0	---	---	13
14	---	---	0	0.002	0	0	0	0	0.036	0	---	---	14
15	---	---	0	0.002	0	0	0	0	0.011	0	---	---	15
16	---	---	0	0.002	0	0	0	0	0.005	0	---	---	16
17	---	---	0	0.001	0	0	0	0	0.004	0	---	---	17
18	---	---	0	0.001	0	0	0	0	0.003	0	---	---	18
19	---	---	0	0.002	0	0	0	0	0.002	0	---	---	19
20	---	---	0	0.002	0	0	0	0	0.001	0	---	---	20
21	---	---	0	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0.0238	0	0	0	0	0	0	0	---	---	22
23	---	---	0.0188	0	0	0	0	0	0	0	---	---	23
24	---	---	0.0078	0	0	0	0	0	0	0	---	---	24
25	---	---	0.0278	0	0	0	0	0	0	0	---	---	25
26	---	---	0.2888	0	0	0	0	0	0	0	---	---	26
27	---	---	0.2778	0	0	0	0	0	0	0	---	---	27
28	---	---	0.1888	0	0	0	0	0	0	0	---	---	28
29	---		0.2038	0	0	0	0	0	0	0	---	---	29
30	---		0.3798	0	0	0	0	0	0	0	---	---	30
31	---		0.3208		0		0	0		0		---	31
TOTAL	---	---	1.699	0.808	0	0	0	0	0.787	0	---	---	TOTAL
MEAN	---	---	0.055	0.027	0	0	0	0	0.026	0	---	---	MEAN
MAX	---	---	0.379	0.266	0	0	0	0	0.088	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.013
MAXIMUM DAILY, 0.3798 ON MAR 30
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.506 AT 19:49 CST ON APR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 47 16 N
LONG 108 37 30 W
DRAINAGE AREA, 94.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	147	SEP	66.3
APR	68.8	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 283 dam³

OSCAR CREEK NEAR KRYDOR - STATION NO. 05GD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0288	0.2438	0.015	0.017	0.003	0.003	0.005	0.005	---	---	1
2	---	---	0.0278	0.2158	0.024	0.054	0.003	0.004	0.002	0.003	---	---	2
3	---	---	0.0278	0.2288	0.068	0.008	0.002	0.017	0.001	0.001	---	---	3
4	---	---	0.0288	0.2788	0.030	0.008	0.002	0.018	0.001	0.003	---	---	4
5	---	---	0.0288	0.7068	0.068	0.004	0.008	0.067	0.001	0.002	---	---	5
6	---	---	0.0288	0.8178	0.020	0.003	0.007	0.033	0.001	0.003	---	---	6
7	---	---	0.0278	0.4088	0.012	0.002	0.003	0.001	0.001	0.013	---	---	7
8	---	---	0.0278	0.4388	0.001	0.002	0.009	0.003	0.001	0.022	---	---	8
9	---	---	0.0278	0.2938	0	0.002	0.027	0.001	0.001	0.019	---	---	9
10	---	---	0.0268	0.3348	0	0.010	0.028	0.043	0.004	0.025	---	---	10
11	---	---	0.0268	0.3638	0.014	0.036	0.018	0.083	0.188	0.031	---	---	11
12	---	---	0.0268	0.9048	0.020	0.048	0.018	0.088	0.033	0.022	---	---	12
13	---	---	0.0288	0.8958	0.016	0.034	0.018	0.034	0.004	0.004	---	---	13
14	---	---	0.0288	0.8418	0.018	0.013	0.011	0.017	0.002	0.004	---	---	14
15	---	---	0.0268	0.8058	0.017	0.018	0.003	0.017	0.001	0.008	---	---	15
16	---	---	0.0268	0.652	0.018	0.025	0.010	0.027	0.001	0.013	---	---	16
17	---	---	0.0278	0.568	0.024	0.034	0.003	0.025	0.001	0.004	---	---	17
18	---	---	0.0278	0.492	0.017	0.015	0.001	0.011	0.001	0.004	---	---	18
19	---	---	0.0278	0.537	0.014	0.008	0.018	0.001	0.001	0.008	---	---	19
20	---	---	0.0278	0.503	0.022	0.008	0.018	0.001	0.001	0.001	---	---	20
21	---	---	0.0288	0.418	0.026	0.029	0.045	0.001	0.004	0.005	---	---	21
22	---	---	0.0268	0.283	0.017	0.030	0.028	0.001	0.009	0.027	---	---	22
23	---	---	0.0268	0.316	0.019	0.017	0.019	0.001	0.008	0.012	---	---	23
24	---	---	0.0268	0.276	0.067	0.015	0.021	0.001	0.005	0.005	---	---	24
25	---	---	0.0288	0.277	0.009	0.012	0.013	0.003	0.005	0.011	---	---	25
26	---	---	0.0288	0.284	0.019	0.002	0.005	0.003	0.008	0.018A	---	---	26
27	---	---	0.0268	0.217	0.014	0.001	0.003	0.003	0.004	0.018E	---	---	27
28	---	---	0.0308	0.144	0.018	0.004	0.002	0.003	0.004	0.018E	---	---	28
29	---		0.0308	0.082	0.036	0.004	0.002	0.003	0.002	0.018E	---	---	29
30	---		0.0378	0.029	0.026	0.002	0.002	0.003	0.003	0.018E	---	---	30
31	---		0.0948		0.016		0.002	0.004		0.018E		---	31
TOTAL	---	---	0.924	12.923	0.569	0.481	0.339	0.470	0.304	0.383	---	---	TOTAL
MEAN	---	---	0.030	0.431	0.022	0.015	0.011	0.015	0.010	0.012	---	---	MEAN
MAX	---	---	0.084	0.917	0.067	0.054	0.045	0.067	0.188	0.031	---	---	MAX
MIN	---	---	0.026	0.029	0	0.001	0.001	0.001	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.9178 ON APR 8
MINIMUM DAILY, 0 ON MAY 8
MAXIMUM INSTANTANEOUS,
1.92 AT 11:58 CST ON SEP 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 46 27 N
LONG 107 07 41 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28.3
FEB	---	AUG	40.6
MAR	79.8	SEP	28.3
APR	1 120	OCT	31.4
MAY	57.8	NOV	---
JUN	38.8	DEC	---

TOTAL DISCHARGE, 1 430 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED AS A RESULT OF REMOVAL OF A BEAVER DAM

OTHERSIDE RIVER AT OUTLET OF MERCREDI LAKE - STATION NO. 07LE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.7	12.7	12.6	12.8	31.5	24.2	18.1	16.4	17.3	18.7	19.7	18.0	1
2	13.7	12.7	12.5	12.7	32.7	23.0	18.3	17.0	17.4	18.7	19.4	18.0	2
3	13.7	12.8	12.7	12.8	33.7	22.8	19.1	16.8	17.7	18.0	19.0	19.8	3
4	13.6	13.1	12.5	13.1	34.3	22.2	18.0	17.0	17.7	18.0	19.2	18.8	4
5	13.5	13.3	12.2	13.3	34.7	22.2	18.1	17.4	17.8	17.9	19.3	18.4	5
6	13.5	13.4	12.1	13.8	35.1	22.3	18.3	17.5	17.8	18.0	18.9	18.5	6
7	13.5	13.5	12.0	14.6	35.1	22.0	18.9	18.0	18.5	18.2	18.6	18.8	7
8	13.6	13.8	12.0	14.8	34.9	21.8	18.9	17.7	18.2	17.5	18.4	18.5	8
9	13.5	13.8	12.0	15.0	34.5	21.4	18.9	17.8	18.8	17.0	18.3	18.4	9
10	13.6	13.8	12.1	14.8	34.1	21.5	18.9	17.5	18.8	17.1	18.3	18.4	10
11	13.8	13.8	12.0	14.8	33.5	21.3	18.1	17.1	20.1	17.1	18.5	18.4	11
12	13.8	13.5	12.0	14.8	33.7	21.4	17.5	18.3	20.5	17.1	18.4	18.4	12
13	13.8	13.4	12.1	14.7	32.8	20.8	17.4	18.5	20.6	18.8	18.8	18.4	13
14	13.8	13.2	12.1	14.7	32.4	21.1	17.3	17.2	20.1	18.9	18.7	18.2	14
15	13.4	13.1	12.1	14.8	31.6	21.8	17.4	17.4	20.7	17.4	18.5	18.0	15
16	13.2	13.0	12.1	15.1	31.2	21.8	17.2	17.4	20.8	17.4	18.2	14.9	16
17	12.8	12.9	12.1	15.4	31.3	20.8	17.3	17.1	20.3	17.0	17.8	14.9	17
18	12.7	12.8	12.1	16.0	31.1	21.2	17.3	16.7	20.5	17.7	17.2	14.8	18
19	12.7	13.0	12.3	16.3	30.4	21.0	17.4	16.7	20.5	17.8	16.8	14.7	19
20	12.7	13.0	12.8	16.9	29.9	21.0	17.1	16.9	20.4	18.1	16.6	14.7	20
21	12.7	13.3	12.7	17.5	29.6	21.0	17.0	16.9	20.4	18.4	16.6	14.7	21
22	12.6	13.4	12.8	18.3	29.3	20.4	16.7	17.0	20.3	18.4	16.1	14.6	22
23	12.6	13.5	12.8	18.1	28.0	20.2	16.6	17.0	20.1	18.2	15.8	14.3	23
24	12.8	13.5	13.0	20.4	28.6	19.3	16.5	17.1	19.8	18.1	15.7	14.2	24
25	12.8	13.5	13.0	21.8	27.8	18.2	16.1	17.0	19.8	17.8	15.6	14.2	25
26	12.5	13.3	13.0	23.3	27.3	18.3	16.0	17.0	19.6	17.8	15.7	14.1	26
27	13.5	13.2	12.8	25.1	26.8	18.4	15.3	17.0	19.2	18.6	15.7	14.3	27
28	12.5	13.0	12.8	26.7	26.4	18.1	15.3	16.9	19.0	18.8	15.8	14.3	28
29	12.6		12.8	28.5	25.7	18.9	15.3	16.8	18.7	19.3	15.9	14.4	29
30	12.6		12.7	30.0	25.4	18.7	15.7	17.1	18.9	19.3	16.0	14.3	30
31	12.6		12.9		25.4		15.9	17.3		19.5		14.2	31
TOTAL	406.9	370.6	386.3	522.0	880.3	630.6	538.9	529.3	582.9	568.6	526.9	484.0	TOTAL
MEAN	13.1	13.2	12.5	17.4	31.0	21.0	17.4	17.1	19.4	18.0	17.8	15.0	MEAN
MAX	13.8	13.8	13.0	30.0	35.1	24.2	19.3	18.0	20.7	19.5	19.7	18.0	MAX
MIN	12.5	12.7	12.0	12.7	25.4	18.7	15.3	16.3	17.3	16.8	15.6	14.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.7
MAXIMUM DAILY, 35.1 ON MAY 6
MINIMUM DAILY, 12.0 ON MAR 7
MAXIMUM INSTANTANEOUS,
35.3 AT 16 51 CST ON MAY 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 55 40 N
LONG 107 29 20 W
DRAINAGE AREA, 2 700 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 200	JUL	46 600
FEB	32 000	AUG	45 700
MAR	33 400	SEP	50 400
APR	45 100	OCT	48 100
MAY	83 000	NOV	45 500
JUN	54 500	DEC	40 100

TOTAL DISCHARGE, 580 000 dam³

OVERFLOWING RIVER NEAR HUDSON BAY - STATION NO. 05LD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0650	0.1070	3.82	0.890	0.919	0.788	0.453	0.277	---	---	1
2	---	---	0.0700	0.1500	3.66	0.974	1.75	0.727	0.478	0.274	---	---	2
3	---	---	0.0610	0.5500	2.67	1.19	3.56	0.815	0.463	0.276	---	---	3
4	---	---	0.0680	2.05 B	2.36	1.42	4.66	0.540	1.10	0.271	---	---	4
5	---	---	0.1180	4.09 B	2.25	1.55	4.73	0.491	0.920	0.301	---	---	5
6	---	---	0.1260	3.93 B	2.15	1.61	4.58	0.567	0.837	0.302	---	---	6
7	---	---	0.0730	3.38 B	2.07	1.73	4.84	0.638	0.788	0.308	---	---	7
8	---	---	0.0500	3.18 B	1.85	1.68	4.33	0.524	0.709	0.460	---	---	8
9	---	---	0.0670	4.02 B	1.76	1.63	4.15	0.480	0.648	0.545	---	---	9
10	---	---	0.0620	3.92 B	1.84	1.63	3.84	0.440	0.610	0.582	---	---	10
11	---	---	0.0320	3.57 B	1.88	1.60	3.22	0.497	0.578	0.620	---	---	11
12	---	---	0.0540	3.04	1.92	1.54	2.86	0.527	0.580	0.707	---	---	12
13	---	---	0.0240	2.92	1.46	1.48	2.80	0.495	0.538	0.868	---	---	13
14	---	---	0.0270	2.78	1.36	1.26	2.58	0.473	0.502	0.830	---	---	14
15	---	---	0.0220	2.88	1.33	1.06	2.36	0.448	0.448	0.963	---	---	15
16	---	---	0.0150	3.13	1.24	0.819	2.15	0.558	0.464	1.07	---	---	16
17	---	---	0.0210	3.81	1.10	1.04	1.95	0.733	0.464	1.13	---	---	17
16	---	---	0.0300	4.35	0.988	0.952	1.88	1.04	0.437	1.12	---	---	16
19	---	---	0.0230	4.27	0.867	0.826	1.85	0.937	0.462	1.11	---	---	19
20	---	---	0.0270	4.24	0.787	0.756	1.90	0.849	0.431	1.06	---	---	20
21	---	---	0.1010	4.54	0.677	0.682	1.87	0.783	0.393	1.06	---	---	21
22	---	---	0.3680	4.40	0.633	0.610	1.87	0.748	0.385	1.07	---	---	22
23	---	---	0.2810	4.53	0.582	0.488	1.81	0.750	0.363	1.02	---	---	23
24	---	---	0.0700	4.23	0.557	0.582	1.85	0.770	0.341	0.997	---	---	24
25	---	---	0.0260	4.07	0.520	0.559	1.81	0.747	0.348	0.953	---	---	25
26	---	---	0.0130	3.84	0.483	0.561	1.67	0.559	0.313	0.973	---	---	26
27	---	---	0.0058	3.68	0.506	0.612	1.30	0.534	0.283	0.983A	---	---	27
28	---	---	0.0200	3.48	0.557	0.566	1.12	0.576	0.288	0.982E	---	---	28
29	---		0.1020	3.20	0.706	0.550	0.892	0.545	0.286	0.982E	---	---	29
30	---		0.0680	3.02	0.733	0.460	0.902	0.507	0.287	0.982E	---	---	30
31	---		0.0600		0.782		0.833	0.482		0.982E		---	31
TOTAL	---	---	2.207	99.425	41.286	31.481	76.166	19.609	15.127	24.180	---	---	TOTAL
MEAN	---	---	0.071	3.31	1.33	1.05	2.46	0.629	0.504	0.780	---	---	MEAN
MAX	---	---	0.368	4.54	2.82	1.73	4.84	1.04	1.10	1.13	---	---	MAX
MIN	---	---	0.005	0.107	0.483	0.460	0.833	0.440	0.283	0.271	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.26
MAXIMUM DAILY, 4.84 ON JUL 4
MINIMUM DAILY, 0.0058 ON MAR 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 01 51 N
LONG 102 18 58 W
DRAINAGE AREA, 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	6 580
FEB	---	AUG	1 880
MAR	191	SEP	1 310
APR	8 580	OCT	2 080
MAY	3 570	NOV	---
JUN	2 720	DEC	---

TOTAL DISCHARGE, 26 700 dam³

PAGATO RIVER AT OUTLET OF PAGATO LAKE - STATION NO. 08EA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00	1.98	1.78	1.72	6.29	8.67	5.18	3.32	1.81	1.04	0.781	0.2478	1
2	2.00	1.97	1.78	1.73	6.81	9.39	5.15	3.38	1.83	0.864	0.757	0.2428	2
3	2.00	1.96	1.75	1.73	6.91	9.06	5.46	3.18	1.88	0.871	0.7388	0.2318	3
4	2.02	1.94	1.78	1.72	7.27	9.03	5.78	3.04	1.84	0.925	0.5208	0.2378	4
5	2.04	1.96	1.79	1.70	7.52A	8.99	5.55	3.00	1.45	0.934	0.5148	0.2358	5
6	2.02	1.95	1.77	1.70	7.68E	8.98	5.38	2.92	1.42	0.949	0.4488	0.2318	6
7	2.00	1.98	1.76	1.70	7.78E	8.84	5.25	2.84	1.41	0.938	0.4788	0.2248	7
8	2.01	1.95	1.70	1.72	7.90E	8.93	5.08	2.88	1.43	0.942	0.5018	0.2118	8
9	2.01	1.97	1.86	1.86	8.01E	8.81	5.06	2.74	1.43	0.853	0.4628	0.1988	9
10	2.00	1.97	1.86	1.88	8.12E	8.80	4.89	2.63	1.41	0.828	0.4198	0.1858	10
11	1.98	1.978	1.86	1.95	8.22A	9.05	4.71	2.84	1.38	0.811	0.4478	0.1708	11
12	1.99	1.958	1.81	1.95	8.36A	8.83	4.56	2.49	1.36	0.797	0.4708	0.1508	12
13	1.958	1.958	1.80	1.97	8.54	8.66	4.48	2.43	1.31	0.785	0.4798	0.1368	13
14	1.988	1.888	1.80	1.95	8.53	8.53	4.35	2.34	1.33	0.809	0.4728	0.1208	14
15	1.97	2.01	1.82	1.95	8.59	8.34	4.33	2.28	1.27	0.785	0.4628	0.1058	15
16	1.93	1.88	1.85	1.97	8.63	8.21	4.33	2.22	1.25	0.748	0.4648	0.0958	16
17	1.91	1.88	1.87	2.00	8.59	8.30	4.27	2.17	1.24	0.780	0.4258	0.0858	17
18	1.88	2.00	1.88	2.11	8.51A	8.28	4.18	2.13	1.23	0.782	0.4048	0.0758	18
19	1.88	2.02	1.71	2.27	8.60E	8.17	4.10	2.03	1.20	0.839	0.3818	0.0658	19
20	1.88	2.01	1.73	2.46	8.80A	7.96	4.08	1.98	1.17	0.775	0.3608	0.0558	20
21	1.91	2.00	1.78	2.67	8.64	7.76	4.02	1.96	1.13	0.743	0.3488	0.0458	21
22	1.87	1.98	1.80	3.01	8.53	7.68	3.98	1.91	1.16	0.783	0.3318	0.0358	22
23	1.84	1.95	1.78	3.30	8.56A	7.66	3.94	1.84	1.11	0.782	0.3288	0.0308	23
24	1.82	1.90	1.75	3.61	8.57E	7.46	3.78	1.81	1.07	0.706	0.3158	0.0208	24
25	1.83	1.86	1.74	3.90	8.58E	7.37	3.70	1.77	1.04	0.728	0.3038	0.0138	25
26	1.84	1.83	1.81	4.31	8.58	7.17	3.57	1.77	1.01	0.775	0.2908	0.0058	26
27	1.85	1.79	1.87	4.70	8.45	6.87	3.57	1.69	1.01	0.717	0.2808	0	27
28	1.89	1.75	1.85	5.18	8.35	6.87	3.50	1.66	0.980	0.715	0.2708	0	28
29	1.93		1.85	5.58	8.53	6.43	3.40	1.78	0.926	0.781	0.2598	0	29
30	1.95		1.70	5.84	8.75	6.25	3.43	1.66	0.897	0.753	0.2638	0	30
31	1.97		1.72		8.85		3.38	1.66		0.791		0	31
TOTAL	60.21	54.53	52.93	80.03	253.98	245.73	138.80	72.17	37.853	25.318	12.922	3.474	TOTAL
MEAN	1.94	1.95	1.71	2.67	8.19	8.19	4.47	2.33	1.26	0.817	0.431	0.112	MEAN
MAX	2.04	2.02	1.87	5.84	8.80	9.39	5.18	3.38	1.81	1.04	0.781	0.260	MAX
MIN	1.82	1.78	1.80	1.88	8.29	8.25	3.38	1.66	0.897	0.706	0.253	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2.84
MAXIMUM DAILY 9.39 ON JUN 2
MINIMUM DAILY 0.0 ON DEC 27
MAXIMUM INSTANTANEOUS
10.2 AT 13:05 CST ON JUN 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 40 N
LONG 102 30 30 W
DRAINAGE AREA 961 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 200	JUL	12 000
FEB	4 710	AUG	6 240
MAR	4 570	SEP	3 270
APR	8 910	OCT	2 190
MAY	21 900	NOV	1 120
JUN	21 200	DEC	300

TOTAL DISCHARGE 89 600 dam³

REMARKS - ZERO DISCHARGE IN DECEMBER OCCURRED AS A RESULT OF THE LAKE OUTLET FREEZING OFF

PAGE CREEK NEAR IFFLEY - STATION NO. 05EG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.2068	0.388	0	0.009	0.001	0.058	0	---	---	1
2	---	---	0 B	0.3678	0.258	0	0.215	0.016	0.058	B	---	---	2
3	---	---	0 B	0.4088	0.270	0	0.078	0.009	0.042	B	---	---	3
4	---	---	0 B	0.5238	0.261	0.353	0.043	0.008	0.046	0	---	---	4
5	---	---	0 B	0.7808	0.248	0.096	0.035	0.074	0.027	0.001	---	---	5
6	---	---	0 B	1.34 B	0.235	0.101	0.013	0.130	0.009	0.001	---	---	6
7	---	---	0 B	4.93 B	0.188	0.108	0.003	0.058	0.004	0.001	---	---	7
8	---	---	0 B	5.83	0.142	0.062	0.281	0.008	0	0.008	---	---	8
9	---	---	0 B	4.92	0.121	0.034	0.128	0.006	0.188	0.018	---	---	9
10	---	---	0 B	3.88	0.097	0.017	0.140	0.089	0.008	0.026	---	---	10
11	---	---	0 B	3.20	0.084	0.014	0.028	0.102	0.001	0.023	---	---	11
12	---	---	0 B	2.79	0.038	0.034	0.018	0.084	0	0.027	---	---	12
13	---	---	0 B	2.48	0.029	0.055	0.004	0.058	0	0.021	---	---	13
14	---	---	0 B	2.41	0.025	0.028	0.001	0.068	0	0.024	---	---	14
15	---	---	0 B	2.11	0.012	0.029	0	0.062	0.003	0.017	---	---	15
16	---	---	0 B	1.68	0.008	0.035	0	0.069	0.003	0.002	---	---	16
17	---	---	0 B	1.37	0.001	0.031	0	0.128	0.001	0.020	---	---	17
18	---	---	0 B	1.16	0.001	0.023	0.034	0.356	0.001	0.002	---	---	18
19	---	---	0 B	1.13	0.014	0.014	0.040	0.087	0.005	0.001	---	---	19
20	---	---	0 B	1.15	0.074	0.007	0.051	0.100	0.003	0.001	---	---	20
21	---	---	0 0.028	1.12	0.079	0.009	0.042	0.070	0	0.002	---	---	21
22	---	---	0 0.048	1.12	0.036	0.005	0.035	0.084	0	0.002	---	---	22
23	---	---	0 0.038	1.03	0.050	0.003	0.030	0.035	0	0.001	---	---	23
24	---	---	0 0.068	1.01	0.036	0	0.032	0.033	0	0.001	---	---	24
25	---	---	0 0.108	1.06	0.060	0	0.025	0.041	0	0.001	---	---	25
26	---	---	0 0.268	1.12	0.056	0	0.025	0.062	0	0.002	---	---	26
27	---	---	0 0.258	0.970	0.032	0	0.022	0.078	0	0.003E	---	---	27
28	---	---	0 0.238	0.888	0.007	0.001	0.013	0.158	0	0.003E	---	---	28
29	---		0 0.188	0.485	0.002	0.003	0.004	0.109	0	0.003E	---	---	29
30	---		0 0.348	0.442	0.002	0.002	0.004	0.026	0	0.003E	---	---	30
31	---		0 0.888		0.001		0.001	0.067		0.003E	---	---	31
TOTAL	---	---	0.238	51.490	2.881	1.035	1.334	2.290	0.448	0.218	---	---	TOTAL
MEAN	---	---	0.008	1.72	0.092	0.035	0.043	0.074	0.015	0.007	---	---	MEAN
MAX	---	---	0.088	5.83	0.388	0.353	0.281	0.356	0.188	0.027	---	---	MAX
MIN	---	---	0	0.206	0.001	0	0	0.001	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.245
MAXIMUM DAILY 5.83 ON APR 5
MINIMUM DAILY 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS
5.96 AT 13:19 CST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 26 N
LONG 106 05 17 W
DRAINAGE AREA 821 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	115
FEB	---	AUG	198
MAR	20 5	SEP	38 7
APR	4 450	OCT	18 8
MAY	247	NOV	---
JUN	89 4	DEC	---

TOTAL DISCHARGE 5 180 dam³

REMARKS - STATION DISCONTINUED AFTER THE 1987 SEASON

PASQUIA RIVER AT HIGHWAY NO. 9 - STATION NO. 05KJ014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0348	0.0318	1.12	1.46	5.88	0.412	0.385	0.131	---	---	1
2	---	---	0.0348	0.0308	1.02	1.88	7.60	0.375	0.374	0.138	---	---	2
3	---	---	0.0348	0.0448	0.843	2.48	3.88	0.339	0.364	0.123	---	---	3
4	---	---	0.0328	0.0738	0.898	2.80	2.64	0.329	0.380	0.137	---	---	4
5	---	---	0.0318	0.3038	0.648	1.88	2.38	0.333	0.344	0.261	---	---	5
6	---	---	0.0318	0.5698	0.778	1.48	2.21	0.377	0.330	0.425	---	---	6
7	---	---	0.0318	1.17 B	0.724	1.17	3.50	0.329	0.306	0.468	---	---	7
8	---	---	0.0318	1.55 B	0.882	1.01	2.48	0.285	0.306	0.585	---	---	8
9	---	---	0.0308	0.7778	0.822	0.888	2.01	0.285	0.333	0.898	---	---	9
10	---	---	0.0328	0.4738	0.808	0.778	1.63	0.318	0.347	0.575	---	---	10
11	---	---	0.0318	0.4588	0.805	0.768	1.41	0.488	0.348	0.521	---	---	11
12	---	---	0.0288	0.3888	0.883	0.728	1.18	0.477	0.317	0.541	---	---	12
13	---	---	0.0248	0.5008	0.885	0.825	1.04	0.434	0.301	0.884	---	---	13
14	---	---	0.0218	0.6218	0.548	0.853	1.05	0.387	0.278	0.739	---	---	14
15	---	---	0.0228	0.7788	0.517	0.807	0.838	0.508	0.287	0.838	---	---	15
16	---	---	0.0198	0.8498	0.481	0.815	0.874	0.830	0.282	0.821	---	---	16
17	---	---	0.0198	1.07 B	0.451	0.833	1.02	0.711	0.249	0.818	---	---	17
18	---	---	0.0208	1.13 B	0.411	0.868	0.837	0.638	0.221	0.808	---	---	18
19	---	---	0.0208	1.28 B	0.388	0.488	0.891	0.580	0.214	0.681	---	---	19
20	---	---	0.0198	1.35 B	0.388	0.403	1.01	0.884	0.212	0.534	---	---	20
21	---	---	0.0228	1.32 B	0.371	0.358	1.00	0.781	0.208	0.487	---	---	21
22	---	---	0.0298	1.50	0.344	0.428	0.952	0.782	0.193	0.503	---	---	22
23	---	---	0.0318	1.88	0.321	0.425	0.844	0.678	0.176	0.488	---	---	23
24	---	---	0.0318	1.84	0.322	0.370	0.780	0.574	0.187	0.507	---	---	24
25	---	---	0.0328	1.81	0.328	0.375	0.899	0.511	0.183	0.512	---	---	25
26	---	---	0.0328	1.87	0.312	0.384	0.825	0.457	0.148	0.503	---	---	26
27	---	---	0.0318	1.78	0.303	0.335	0.871	0.388	0.149	0.488A	---	---	27
28	---	---	0.0328	1.81	0.370	0.288	0.487	0.361	0.148	0.488E	---	---	28
29	---		0.0318	1.42	0.887	0.260	0.448	0.387	0.143	0.488E	---	---	29
30	---		0.0318	1.23	1.03	0.222	0.405	0.438	0.135	0.488E	---	---	30
31	---		0.0318		0.888		0.411	0.420		0.488E	---	---	31
TOTAL	---	---	0.874	29.882	18.721	25.107	51.802	14.772	7.729	15.112	---	---	TOTAL
MEAN	---	---	0.028	0.889	0.804	0.837	1.67	0.477	0.258	0.487	---	---	MEAN
MAX	---	---	0.034	1.87	1.12	2.80	7.80	0.830	0.385	0.739	---	---	MAX
MIN	---	---	0.019	0.030	0.303	0.222	0.405	0.285	0.135	0.123	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.670
MAXIMUM DAILY, 7.80 ON JUL 2
MINIMUM DAILY, 0.0198 ON MAR 19
MAXIMUM INSTANTANEOUS,
12.2 AT 21:38 CST ON JUL 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 20 N
LONG 102 08 15 W
DRAINAGE AREA, 74.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 480
FEB	---	AUG	1 280
MAR	75.5	SEP	888
APR	2 580	OCT	1 310
MAY	1 620	NOV	---
JUN	2 170	DEC	---

TOTAL DISCHARGE, 14 200 dam³

PELICAN LAKE AT PELICAN NARROWS - STATION NO. 05KG009

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	313.887	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	313.536	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	313.756	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 09 57 N
LONG 102 56 28 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PHEASANT CREEK NEAR ABERNETHY - STATION NO. 05JL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.469	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.458	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.537	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.405	0	0	0	0	0	0	---	---	4
5	---	---	0.0118	0.284	0	0	0	0	0	0	---	---	5
6	---	---	0.0858	0.237	0	0	0	0	0	0	---	---	6
7	---	---	0.0158	0.189	0	0	0	0	0	0	---	---	7
8	---	---	0.0048	0.162	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.189	0	0	0	0	0	0	---	---	9
10	---	---	0.0118	0.123	0	0	0	0	0	0	---	---	10
11	---	---	0.0298	0.075	0	0	0	0	0	0	---	---	11
12	---	---	0.0208	0.060	0	0	0	0	0	0	---	---	12
13	---	---	0.0158	0.041	0	0	0	0	0	0	---	---	13
14	---	---	0.0528	0.038	0	0	0	0	0	0	---	---	14
15	---	---	0.0878	0.035	0	0	0	0	0	0	---	---	15
16	---	---	0.0678	0.022	0	0	0	0	0	0	---	---	16
17	---	---	0.0758	0.016	0	0	0	0	0	0	---	---	17
18	---	---	0.0758	0.011	0	0	0	0	0	0	---	---	18
19	---	---	0.1008	0.007	0	0	0	0	0	0	---	---	19
20	---	---	0.1118	0.005	0	0	0	0	0	0	---	---	20
21	---	---	0.4388	0.004	0	0	0	0	0	0	---	---	21
22	---	---	0.7488	0.002	0	0	0	0	0	0	---	---	22
23	---	---	0.9788	0.001	0	0	0	0	0	0	---	---	23
24	---	---	1.07 B	0.001	0	0	0	0	0	0	---	---	24
25	---	---	0.3698	0.001	0	0	0	0	0	0	---	---	25
26	---	---	0.7448	0.001	0	0	0	0	0	0	---	---	26
27	---	---	1.22 B	0	0	0	0	0	0	0	---	---	27
28	---	---	0.8418	0	0	0	0	0	0	0	---	---	28
29	---		0.4108	0	0	0	0	0	0	0	---	---	29
30	---		0.2108	0	0	0	0	0	0	0	---	---	30
31	---		0.3488		0		0	0		0	---	---	31
TOTAL	---	---	8.202	3.504	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.265	0.117	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.22	0.537	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.048
MAXIMUM DAILY, 1.228 ON MAR 27
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.628 AT 23.30 CST ON MAR 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 00 N
LONG 103 19 41 W
DRAINAGE AREA, 1 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	709	SEP	0
APR	303	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 010 dam³

PIKE LAKE NEAR SASKATOON - STATION NO. 05HG003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	481.781	481.788	481.778	---	---	---	---	1
2	---	---	---	---	---	481.781	481.809	481.778	---	---	---	---	2
3	---	---	---	---	---	481.781	481.819	481.788	---	---	---	---	3
4	---	---	---	---	---	481.781	481.828	481.788	---	---	---	---	4
5	---	---	---	---	---	481.781	---	481.788	---	---	---	---	5
6	---	---	---	---	---	481.741	481.868	481.788	---	---	---	---	6
7	---	---	---	---	---	481.731	481.858	481.778	---	---	---	---	7
8	---	---	---	---	---	481.731	481.878	481.778	---	---	---	---	8
9	---	---	---	---	---	481.711	481.878	481.788	---	---	---	---	9
10	---	---	---	---	---	481.731	481.878	481.788	---	---	---	---	10
11	---	---	---	---	---	481.731	---	481.788	---	---	---	---	11
12	---	---	---	---	---	481.731	---	481.788	---	---	---	---	12
13	---	---	---	---	---	481.740	481.858	---	---	---	---	---	13
14	---	---	---	---	---	481.750	481.848	481.835	---	---	---	---	14
15	---	---	---	---	---	481.760	481.838	481.845	---	---	---	---	15
16	---	---	---	---	---	481.760	481.838	481.855	---	---	---	---	16
17	---	---	---	---	---	481.750	---	481.875	---	---	---	---	17
18	---	---	---	---	---	481.760	---	481.875	---	---	---	---	18
19	---	---	---	---	---	481.740	481.838	481.885	---	---	---	---	19
20	---	---	---	---	---	481.740	481.827	481.885	---	---	---	---	20
21	---	---	---	---	---	481.730	481.827	481.895	---	---	---	---	21
22	---	---	---	---	---	481.730	481.827	481.895	---	---	---	---	22
23	---	---	---	---	---	481.710	481.817	481.845	---	---	---	---	23
24	---	---	---	---	---	481.730	481.817	481.845	---	---	---	---	24
25	---	---	---	---	481.762	481.749	481.807	481.845	---	---	---	---	25
26	---	---	---	---	481.762	481.759	481.807	481.844	---	---	481.823	---	26
27	---	---	---	---	481.752	481.788	481.807	481.834	---	---	---	---	27
28	---	---	---	---	481.762	481.788	481.797	481.834	---	---	---	---	28
29	---		---	---	481.772	481.778	481.797	481.844	---	---	---	---	29
30	---		---	---	481.762	---	481.797	481.814	---	---	---	---	30
31	---		---	---	481.771		481.777	481.814		---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 481.878 ON JUL 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 53 20 N
LONG 106 48 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PINTO CREEK NEAR WOODROW - STATION NO 05JA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0B	0 B	0.028	0.007	0	0	0	0	---	---	1
2	---	0B	0B	0 B	0.027	0.006	0	0	0	0	---	---	2
3	---	0B	0B	0 B	0.026	0.005	0	0	0	0	---	---	3
4	---	0B	0B	0 B	0.026	0.004	0	0	0	0	---	---	4
5	---	0B	0B	0.184	0.019	0.003	0	0	0	0	---	---	5
6	---	0B	0B	0.199	0.015	0.003	0	0	0	0	---	---	6
7	---	0B	0B	0.202	0.020	0.002	0	0	0	0	---	---	7
8	---	0B	0B	1.55	0.058	0.001	0	0	0	0	---	---	8
9	---	0B	0B	3.02	0.083	0.001	0	0	0	0	---	---	9
10	---	0B	0B	1.26	0.083	0.001	0	0	0	0	---	---	10
11	---	0B	0B	0.480	0.065	0.001	0	0	0	0	---	---	11
12	---	0B	0B	0.390	0.077	0.001	0	0	0	0	---	---	12
13	---	0B	0B	0.326	0.086	0	0	0	0	0	---	---	13
14	---	0B	0B	0.284	0.087	0	0	0	0	0	---	---	14
15	---	0B	0B	0.238	0.047	0	0	0	0	0	---	---	15
16	---	0B	0B	0.196	0.039	0	0	0	0	0	---	---	16
17	---	0B	0B	0.161	0.031	0	0	0	0	0	---	---	17
18	---	0B	0B	0.131	0.034	0	0	0	0	0	---	---	18
19	---	0B	0B	0.116	0.032	0	0	0	0	0	---	---	19
20	---	0B	0B	0.094	0.024	0	0	0	0	0	---	---	20
21	---	0B	0B	0.080	0.018	0	0	0	0	0	---	---	21
22	---	0B	0B	0.068	0.015	0	0	0	0	0	---	---	22
23	---	0B	0B	0.058	0.012	0	0	0	0	0	---	---	23
24	---	0B	0B	0.050	0.010	0	0	0	0	0	---	---	24
25	---	0B	0B	0.058	0.008	0	0	0	0	0	---	---	25
26	---	0B	0B	0.054	0.008	0	0	0	0	0	---	---	26
27	---	0B	0B	0.053	0.010	0	0	0	0	0	---	---	27
28	---	0B	0B	0.048	0.011	0	0	0	0	0	---	---	28
29	---		0B	0.040	0.010	0	0	0	0	0	---	---	29
30	---		0B	0.038	0.008	0	0	0	0	0	---	---	30
31	---		0B		0.007		0	0		0		---	31
TOTAL	---	0	0	9.404	1.019	0.035	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0.313	0.033	0.001	0	0	0	0	---	---	MEAN
MAX	---	0	0	3.02	0.083	0.007	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0.007	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.043
MAXIMUM DAILY, 3.02 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.51 AT 17:11 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 53 N
LONG 108 43 30 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	813	OCT	0
MAY	88.0	NOV	---
JUN	3.02	DEC	---

TOTAL DISCHARGE, 904 dam³

PIPESTONE CREEK ABOVE MOOSOMIN RESERVOIR - STATION NO. 05NE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	8.75 B	0.254	0.015	0.002	0.023	0.009	0.002	---	---	1
2	---	---	0 B	8.00 B	0.142	0.012	0	0.010	0.011	0.001	---	---	2
3	---	---	0 B	8.50 B	0.058	0.007	0	0.004	0.001	0	---	---	3
4	---	---	0 B	10.2 E	0.018	0	0	0.001	0	0	---	---	4
5	---	---	0.0108	11.5 E	0.042	0	0	0.002	0	0	---	---	5
6	---	---	0.0128	13.1 E	0.067	0	0.010	0	0	0	---	---	6
7	---	---	0.0088	8.49 A	0.128	0	0.022	0	0	0	---	---	7
8	---	---	0.0048	5.88 E	0.100	0	0.015	0	0	0	---	---	8
9	---	---	0.0038	3.28 A	0.067	0	0.010	0	0	0	---	---	9
10	---	---	0.0038	2.85 E	0.038	0	0.011	0	0	0	---	---	10
11	---	---	0.0038	2.80 E	0.022	0	0.013	0.001	0	0	---	---	11
12	---	---	0.0038	2.45 E	0.026	0	0.008	0	0	0	---	---	12
13	---	---	0.0038	2.25 E	0.020	0	0.008	0	0	0	---	---	13
14	---	---	0.0038	2.11 A	0.009	0	0	0	0	0	---	---	14
15	---	---	0.0088	1.82 A	0.012	0	0.002	0	0	0	---	---	15
16	---	---	0.0108	1.80 E	0.004	0	0	0	0	0	---	---	16
17	---	---	0.0308	1.85 E	0.007	0	0	0	0.011	0	---	---	17
18	---	---	0.0808	1.50 E	0.006	0	0.001	0	0.013	0	---	---	18
19	---	---	0.0858	1.38 E	0.005	0	0.017	0	0.015	0	---	---	19
20	---	---	0.1508	1.32 E	0.006	0	0.020	0	0.011	0	---	---	20
21	---	---	0.2708	1.12 E	0.007	0	0.014	0	0.009	0	---	---	21
22	---	---	0.4808	1.00 E	0.001	0	0.017	0	0.008	0	---	---	22
23	---	0B	0.7808	0.900E	0	0.001	0.018	0	0.008	0	---	---	23
24	---	0B	1.23 B	0.800A	0	0	0.017	0	0.004	0	---	---	24
25	---	0B	1.50 B	0.812	0	0	0.008	0	0.002	0	---	---	25
26	---	0B	1.85 B	0.703	0.002	0	0.005	0	0.003	0	---	---	26
27	---	0B	2.25 B	0.587	0.014	0	0	0.001	0.003	0 A	---	---	27
28	---	0B	2.80 B	0.494	0.027	0.004	0	0.001	0.012	0 E	---	---	28
29	---		3.40 B	0.448	0.021	0	0	0.004	0.009	0 E	---	---	29
30	---		4.26 B	0.348	0.007	0.001	0.018	0.013	0.006	0 E	---	---	30
31	---		5.50 B		0		0.028	0.011		0 E		---	31
TOTAL	---	---	24.706	108.020	1.122	0.040	0.280	0.071	0.135	0.003	---	---	TOTAL
MEAN	---	---	0.797	3.53	0.036	0.001	0.008	0.002	0.005	0	---	---	MEAN
MAX	---	---	5.50	13.1	0.254	0.015	0.028	0.023	0.015	0.002	---	---	MAX
MIN	---	---	0	0.348	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.540
MAXIMUM DAILY, 13.1E ON APR 5
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 07 N
LONG 101 50 06 W
DRAINAGE AREA, 2 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	22.5
FEB	---	AUG	6.13
MAR	2 130	SEP	11.7
APR	9 180	OCT	0.26
MAY	96.9	NOV	---
JUN	3.48	DEC	---

TOTAL DISCHARGE, 11 400 dam³

PIPESTONE CREEK NEAR MOOSOMIN - STATION NO. 05NE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.010E	5.88	0.005	0.018	0.022	0.024	0.026	0.349	---	---	1
2	---	---	0.010E	7.28	0.006	0.014	0.021	0.017	0.023	0.382	---	---	2
3	---	---	0.010E	10.2	0.005	0.008	0.015	0.015	0.024	0.374	---	---	3
4	---	---	0.010E	15.4	0.005	0.004	0.017	0.014	0.024	0.517	---	---	4
5	---	---	0.010E	20.0	0.007	0.004	0.013	0.011	0.025	0.422	---	---	5
6	---	---	0.010E	22.2	0.005	0.004	0.018	0.005	0.025	0.333	---	---	6
7	---	---	0.010E	19.3	0.007	0.003	0.079	0.004	0.026	0.331	---	---	7
8	---	---	0.010E	14.8	0.010	0.003	0.025	0.003	0.025	0.336	---	---	8
9	---	---	0.010E	10.8	0.012	0.005	0.023	0.003	0.153	0.328	---	---	9
10	---	---	0.010E	7.70	0.017	0.010	0.023	0.004	0.333	0.330	---	---	10
11	---	---	0.010E	5.86	0.018	0.018	0.020	0.004	0.316	0.332	---	---	11
12	---	---	0.010E	5.03	0.020	0.012	0.018	0.002	0.383	0.339	---	---	12
13	---	---	0.010E	4.32	0.021	0.011	0.017	0.001	0.368	0.364	---	---	13
14	---	---	0.010E	3.75	0.025	0.012	0.017	0.008	0.380	0.333	---	---	14
15	---	---	0.010E	2.88	0.017	0.015	0.015	0.014	0.371	0.320	---	---	15
16	---	---	0.050E	0.105	0.018	0.018	0.018	0.013	0.348	0.320	---	---	16
17	---	---	0.075E	0.070	0.018	0.022	0.019	0.008	0.377	0.322	---	---	17
18	---	---	0.100E	0.037	0.018	0.013	0.021	0.008	0.373	0.332	---	---	18
19	---	---	0.200E	0.027	0.018	0.011	0.018	0.011	0.385	0.323	---	---	19
20	---	---	0.400E	0.019	0.021	0.019	0.011	0.011	0.348	0.251	---	---	20
21	---	---	0.700E	0.009	0.022	0.024	0.004	0.014	0.348	0.030	---	---	21
22	---	---	0.900E	0.003	0.022	0.022	0.001	0.015	0.292	0.017	---	---	22
23	---	0.010A	1.20 E	0.006	0.026	0.019	0.002	0.017	0.305	0.010	---	---	23
24	---	0.010E	1.89 A	0.010	0.022	0.014	0.004	0.015	0.340	0.008	---	---	24
25	---	0.010E	2.21	0.016	0.021	0.015	0.005	0.016	0.348	0.007	---	---	25
26	---	0.010E	2.44	0.014	0.022	0.014	0.012	0.022	0.357	0.007	---	---	26
27	---	0.010E	3.03	0.008	0.023	0.014	0.011	0.035	0.351	0.007A	---	---	27
28	---	0.010E	3.58	0.008	0.025	0.035	0.012	0.033	0.358	0.007E	---	---	28
29	---		4.10	0.005	0.020	0.028	0.018	0.037	0.305	0.007E	---	---	29
30	---		4.20	0.005	0.018	0.024	0.030	0.035	0.323	0.007E	---	---	30
31	---		4.51		0.019		0.027	0.032		0.007E		---	31
TOTAL	---	---	29.835	185.532	0.513	0.420	0.554	0.451	7.947	7.053	---	---	TOTAL
MEAN	---	---	0.962	5.18	0.017	0.014	0.018	0.015	0.255	0.228	---	---	MEAN
MAX	---	---	4.51	22.2	0.026	0.026	0.079	0.037	0.388	0.517	---	---	MAX
MIN	---	---	0.010	0.003	0.005	0.002	0.001	0.001	0.023	0.007	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.825
MAXIMUM DAILY, 22.2 ON APR 6
MINIMUM DAILY, 0.001 ON JUL 22
MAXIMUM INSTANTANEOUS,
22.8 AT 07 38 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 40 N
LONG 101 40 33 W
DRAINAGE AREA, 3 650 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	47.9
FEB	---	AUG	39.0
MAR	2 560	SEP	861
APR	13 400	OCT	909
MAY	44.3	NOV	---
JUN	36.3	DEC	---

TOTAL DISCHARGE, 17 400 dam³

PIPESTONE CREEK NEAR ROSE VALLEY - STATION NO. 05LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.010E	0E	0E	0E	0E	0E	---	---	1
2	---	---	0B	0 B	0.005E	0E	0E	0E	0A	0E	---	---	2
3	---	---	0B	0 B	0.020E	0E	0E	0E	0E	0E	---	---	3
4	---	---	0B	0 B	0.131A	0E	0E	0E	0E	0E	---	---	4
5	---	---	0B	5.00 B	0.060E	0E	0E	0E	0E	0E	---	---	5
6	---	---	0B	10.1	0.020E	0E	0E	0E	0E	0E	---	---	6
7	---	---	0B	12.6	0.005E	0E	0E	0E	0E	0E	---	---	7
8	---	---	0B	16.7	0.020E	0E	0E	0E	0E	0E	---	---	8
9	---	---	0B	17.3	0.075E	0E	0E	0E	0E	0E	---	---	9
10	---	---	0B	14.5 A	0.024A	0E	0E	0E	0E	0E	---	---	10
11	---	---	0B	10.0 A	0.215	0E	0E	0E	0E	0E	---	---	11
12	---	---	0B	9.97	0.187	0E	0E	0E	0E	0E	---	---	12
13	---	---	0B	3.76	0.145A	0E	0E	0E	0E	0E	---	---	13
14	---	---	0B	2.68	0.085E	0E	0E	0E	0E	0E	---	---	14
15	---	---	0B	2.27	0.055A	0E	0E	0E	0E	0E	---	---	15
16	---	---	0B	1.89	0.285	0E	0E	0E	0E	0E	---	---	16
17	---	---	0B	1.51	0.230	0E	0E	0E	0E	0E	---	---	17
18	---	---	0B	1.21	0.174	0A	0E	0E	0E	0E	---	---	18
19	---	---	0B	0.971	0.156	0E	0E	0E	0E	0E	---	---	19
20	---	---	0B	0.776	0.129	0E	0E	0E	0E	0E	---	---	20
21	---	---	0B	0.562	0.101A	0E	0E	0E	0E	0E	---	---	21
22	---	---	0B	0.434	0.060E	0E	0E	0E	0E	0E	---	---	22
23	---	---	0B	0.309	0.040E	0E	0E	0E	0E	0E	---	---	23
24	---	---	0B	0.244	0.020E	0E	0E	0E	0E	0E	---	---	24
25	---	---	0B	0.271	0.010E	0E	0E	0E	0E	0E	---	---	25
26	---	---	0B	0.240	0.008E	0E	0E	0E	0E	0E	---	---	26
27	---	---	0B	0.204A	0.004E	0E	0E	0E	0E	0E	---	---	27
28	---	---	0B	0.120E	0.002E	0E	0A	0E	0E	0A	---	---	28
29	---		0B	0.060E	0.001E	0E	0E	0E	0E	0E	---	---	29
30	---		0B	0.020E	0.001E	0E	0E	0E	0E	0E	---	---	30
31	---		0B		0.001E		0E	0E		0E	---	---	31
TOTAL	---	---	0	109.901	2.284	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	3.66	0.074	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	17.3	0.288	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.458
MAXIMUM DAILY, 17.3 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
17.8 AT 05 12 CST ON APR 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 17 21 N
LONG 103 40 20 W
DRAINAGE AREA, 843 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	5 500	OCT	0
MAY	197	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 5 700 dam³

PIPESTONE RIVER BELOW ROTARIU LAKE - STATION NO 07LB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.64	2.51E	2.72	3.29	6.27	4.74	2.26	1.89	2.33	2.43	2.42	2.05	1
2	2.66	2.52E	2.74	3.22	6.42	4.68	2.23	2.05	2.31	2.46	2.41	2.07	2
3	2.65	2.53E	2.74	3.17	6.56	4.53	2.25	2.08	2.30	2.46	2.41	2.09	3
4	2.64	2.54E	2.71	3.11	6.71	4.42	2.21	2.08	2.31	2.46	2.44	2.08	4
5	2.65	2.55E	2.71	3.09	6.78A	4.29	2.17	2.07	2.36	2.48	2.40	2.14	5
6	2.64E	2.57E	2.73	3.11	6.71A	4.19	2.17	2.06	2.48	2.51	2.39	2.15	6
7	2.63E	2.60E	2.77	3.18	6.74A	4.09	2.11	2.05	2.56	2.43	2.35	2.12	7
8	2.62E	2.63E	2.77	3.27	6.74	4.00	2.05	2.00	2.61	2.38	2.33	2.13	8
9	2.63E	2.67A	2.76	3.36	6.47A	3.91	1.95	1.98	2.66	2.43	2.32	2.12	9
10	2.65E	2.65	2.74	3.44	6.48A	3.88	1.88	1.95	2.68	2.40	2.27	2.09	10
11	2.67E	2.74	2.73	3.54	6.45	3.98	1.83	1.95	2.73	2.34	2.26	2.09	11
12	2.69E	2.73	2.74	3.61	6.39	3.94	1.81	1.94	2.78	2.35	2.29	2.09	12
13	2.70E	2.74	2.75	3.65	6.35	3.91	1.78	1.98	2.81	2.40	2.25	2.11	13
14	2.68E	2.75	2.75	3.61	6.27	3.88	1.73	1.97	2.82	2.34	2.25	2.10	14
15	2.68E	2.80	2.75	3.75	6.35	3.88	1.89	1.96	2.74	2.32	2.28	2.10	15
16	2.64E	2.80	2.76	3.73	6.16	3.53	1.86	1.96	2.77	2.32	2.29	2.06	16
17	2.62E	2.78	2.78	3.75	6.09	3.49	1.85	2.00	2.75	2.35	2.26	2.06	17
18	2.60E	2.74	2.84	3.80	6.11	3.34	1.85	2.03	2.67	2.33	2.27	2.06	18
19	2.58E	2.74	2.86	3.89	6.11	3.25	1.83	2.06	2.66	2.31	2.25	2.04	19
20	2.56E	2.70	2.86	3.99	6.09	3.17	1.83	2.06	2.66	2.27	2.20	2.04	20
21	2.54E	2.68	2.90	4.12	6.01	3.07	1.84	2.08	2.64	2.28	2.15	2.03	21
22	2.53E	2.68	2.92	4.25	5.90	2.97	1.82	2.08	2.59	2.30	2.09	2.07	22
23	2.52E	2.69	2.93	4.48	5.75	3.00	1.77	2.05	2.52	2.29	2.09	2.03	23
24	2.51E	2.69	2.93	4.77	5.73A	2.86	1.77	2.06	2.51	2.30	2.05	2.02	24
25	2.50E	2.70	3.00	5.00	5.86	2.73	1.73	2.10	2.48	2.27	2.04	1.96	25
26	2.49E	2.71	3.16	5.26	5.46	2.61	1.75	2.09	2.49	2.23	2.03	1.93	26
27	2.48E	2.70	3.16	5.52	5.38	2.54	1.86	2.10	2.45	2.24	2.03	1.93	27
28	2.47E	2.71	3.17	5.69	5.26	2.51	1.86	2.12	2.41	2.28	2.03	1.91	28
29	2.48E		3.16	5.78	5.10	2.48	1.85	2.17	2.34	2.31	2.04	1.90	29
30	2.49E		3.20	5.81	4.97	2.35	1.88	2.15	2.42	2.32	2.05	1.90	30
31	2.50E		3.31		4.84		1.85	2.29		2.35		1.91	31
TOTAL	80.34	74.88	89.11	131.05	188.29	105.87	59.52	63.41	76.84	72.97	66.96	63.37	TOTAL
MEAN	2.59	2.67	2.87	4.04	6.07	3.53	1.92	2.05	2.56	2.35	2.23	2.04	MEAN
MAX	2.70	2.80	3.31	5.81	6.78	4.74	2.26	2.29	2.82	2.51	2.44	2.15	MAX
MIN	2.47	2.51	2.71	3.09	4.84	2.35	1.73	1.89	2.30	2.23	2.03	1.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.91
MAXIMUM DAILY, 6.78A ON MAY 5
MINIMUM DAILY, 1.73 ON JUL 14
MAXIMUM INSTANTANEOUS,
7.00 AT 00:40 CST ON MAY 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 14 15 N
LONG 105 07 45 W
DRAINAGE AREA, 984 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 940	JUL	5 140
FEB	6 470	AUG	5 480
MAR	7 700	SEP	5 640
APR	10 500	OCT	6 300
MAY	16 300	NOV	5 730
JUN	9 180	DEC	5 480

TOTAL DISCHARGE, 91 900 dam³

POPLAR RIVER AT INTERNATIONAL BOUNDARY - STATION NO 11AE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1428	4.53 B	0.235	0.051	0.003	0.037	0.018	0.054	---	---	1
2	---	---	0.1138	5.23 B	0.265	0.040	0.002	0.034	0.016	0.051	---	---	2
3	---	---	0.1428	4.25 B	0.311	0.026	0.003	0.024	0.014	0.051	---	---	3
4	---	---	0.2278	2.63	0.265	0.024	0.002	0.020	0.010	0.051	---	---	4
5	---	---	0.2838	1.33	0.215	0.018	0.002	0.019	0.008	0.042	---	---	5
6	---	---	0.4258	0.963	0.190	0.014	0.002	0.018	0.007	0.042	---	---	6
7	---	---	0.5668	0.793	0.184	0.007	0.002	0.016	0.006	0.042	---	---	7
8	---	---	0.4258	0.736	0.144	0.005	0.002	0.011	0.007	0.045	---	---	8
9	---	---	0.3408	0.736	0.110	0.005	0.001	0.009	0.009	0.057	---	---	9
10	---	---	0.2838	0.660	0.098	0.007	0.004	0.008	0.008	0.068	---	---	10
11	---	---	0.2558	0.623	0.093	0.007	0.002	0.008	0.009	0.059	---	---	11
12	---	---	0.2438	0.595	0.088	0.008	0.002	0.007	0.006	0.057	---	---	12
13	---	---	0.3118	0.568	0.078	0.005	0.001	0.012	0.007	0.057	---	---	13
14	---	---	0.3408	0.538	0.068	0.005	0.001	0.016	0.007	0.057	---	---	14
15	---	---	0.3118	0.481	0.065	0.004	0.001	0.078	0.006	0.057	---	---	15
16	---	---	0.3118	0.453	0.062	0.005	0.001	0.130	0.008	0.062	---	---	16
17	---	---	0.3118	0.425	0.058	0.005	0.001	0.125	0.017	0.068	---	---	17
18	---	---	0.2838	0.396	0.074	0.004	0.008	0.187	0.027	0.071	---	---	18
19	---	---	0.2638	0.398	0.078	0.007	0.011	0.125	0.034	0.071	---	---	19
20	---	---	0.2838	0.388	0.078	0.008	0.007	0.085	0.031	0.068	---	---	20
21	---	---	0.2558	0.388	0.082	0.005	0.005	0.057	0.028	0.071	---	---	21
22	---	---	0.2558	0.340	0.068	0.005	0.004	0.040	0.028	0.074	---	---	22
23	---	---	0.2278	0.340	0.062	0.005	0.026	0.031	0.031	0.076	---	---	23
24	---	---	0.2278	0.340	0.057	0.003	0.031	0.028	0.028	0.076	---	---	24
25	---	---	0.2278	0.311	0.054	0.003	0.025	0.027	0.028	0.079	---	---	25
26	---	---	0.2638	0.283	0.054	0.003	0.020	0.026	0.028	0.086	---	---	26
27	---	---	0.3968	0.272	0.062	0.003	0.016	0.026	0.034	0.082	---	---	27
28	---	---	0.5668	0.258	0.102	0.003	0.012	0.027	0.040	0.078	---	---	28
29	---		0.7938	0.244	0.105	0.003	0.020	0.024	0.048	0.074	---	---	29
30	---		1.08 B	0.235	0.085	0.003	0.045	0.024	0.051	0.071	---	---	30
31	---		1.42 B		0.059		0.045	0.022		0.068		---	31
TOTAL	---	---	11.946	30.710	3.517	0.280	0.311	1.304	0.601	1.985	---	---	TOTAL
MEAN	---	---	0.378	1.02	0.113	0.010	0.010	0.042	0.020	0.063	---	---	MEAN
MAX	---	---	1.42	5.23	0.311	0.051	0.045	0.187	0.051	0.086	---	---	MAX
MIN	---	---	0.113	0.235	0.054	0.003	0.001	0.007	0.006	0.042	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.205
MAXIMUM DAILY, 5.23B ON APR 2
MINIMUM DAILY, 0.001 ON JUL 9
MAXIMUM INSTANTANEOUS,
7.38B AT 14:30 CST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 25 N
LONG 105 41 46 W
DRAINAGE AREA, 927 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	28 B
FEB	---	AUG	113
MAR	1 010	SEP	51 B
APR	2 850	OCT	170
MAY	304	NOV	---
JUN	35.1	DEC	---

TOTAL DISCHARGE, 4 350 dam³

PORCUPINE RIVER AT OUTLET OF GROVE LAKE - STATION NO. 07LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.2	43.0	37.8	35.4	66.6	106	107	64.0	43.8	40.0	41.2	39.7	1
2	52.5	42.5A	37.6	35.1	72.2	110A	106	61.4	43.7	39.8	41.7	39.6	2
3	52.0	41.4	37.7	35.0	79.2	106A	105	59.4	43.6	40.1	41.7	39.0	3
4	51.8	41.4	37.9	35.0	85.3	110	105	58.4	43.5	40.2	41.7	38.9	4
5	51.7	41.4	37.9	35.0	89.6	111	102	57.5	43.2	40.2	41.8	38.4	5
6	51.1	41.5	37.7	35.0	93.9	112	102	57.0	43.2	40.1	41.7	38.9	6
7	51.1	41.4	37.6	35.0	97.4	111	100	56.6	44.2	39.7	41.2	39.1	7
8	51.1	40.8	37.6	34.7	100	110	97.7	56.6	44.1	39.1	41.2	39.9	8
9	51.1	40.7	37.8	34.7	103	110	96.3	55.2	44.0	38.3	41.1	40.2	9
10	51.0	40.7	37.9	34.7	105	110	94.4	54.4	43.5	38.3	41.1	39.8	10
11	50.7	40.6	37.4A	34.7	107	110	92.8	53.5	43.4	38.3	41.1	39.9	11
12	50.7	40.4	36.1A	34.6	109	110	91.8	53.0	43.1	38.4	41.6	39.6	12
13	50.1A	40.4	35.8A	34.7	110 A	110	90.1	52.9	42.7	38.6	41.0	38.5	13
14	49.6	40.6	35.4	34.6	112 A	111	87.7	53.3	42.6	38.0	40.6	39.6	14
15	49.5A	40.3	35.3	34.7	115	111	86.3	53.0	42.5	39.5	40.7	39.5	15
16	47.9A	39.6	35.0	35.0	117	111	85.6	52.4	42.6	39.2	40.8	39.5	16
17	47.8	39.7	34.8	35.7	118	110	84.7	51.8	42.5	38.3	40.7	39.4	17
18	47.6	39.7	34.6	36.3	120	111	82.7	50.7	42.3	38.4	40.7	38.3	18
19	47.6A	39.6	34.6	36.6	121	110	81.3	50.7	42.3	38.6	40.7	39.4	19
20	48.5	39.6	35.0	37.2	120	110	79.1	50.3	42.0	39.4	40.2	39.3	20
21	48.4	39.9	35.6	38.2	121	109	76.5	50.0	41.9	38.1	40.7	39.3	21
22	48.4	39.7	35.6	38.3	121	108	76.5	49.3	42.1	40.0A	40.6	38.3	22
23	48.3	39.6	35.9	40.7	121	110	77.8	48.8	42.0	39.6	40.5	39.4	23
24	48.1	39.4	35.9	42.3	120 A	111	77.3	48.5	41.6	39.7	40.3	39.1	24
25	44.7A	39.4	36.0	44.1	118	110	76.0	48.0	41.4	40.0	40.4	38.6	25
26	43.9	39.1	35.9	46.1	117	110	88.8	47.8	41.2	40.6	40.4	38.5	26
27	43.9	39.0A	36.1	49.0	114	110	88.1	47.2	40.7	40.4	40.3	38.6	27
28	43.7	38.1A	36.1	52.9	114	110	87.7	46.8	40.0	40.4	40.4	38.7	28
29	43.6		36.9	57.6	112	108	86.4	46.8	39.8	41.0	40.3	38.4	29
30	43.6		35.3	62.4	110	108	85.4	46.9	38.9	41.3	40.0	38.0	30
31	43.1		36.4		108		84.8	46.5		41.2		37.8	31
TOTAL	1 486.2	1 130.2	1 126.3	1 176.7	3 318.8	3 288	2 843.8	1 624.1	1 273.7	1 228.9	1 226.3	1 214.2	TOTAL
MEAN	48.3	40.4	36.3	38.2	107	110	85.3	52.4	42.5	39.7	40.9	39.2	MEAN
MAX	53.2	43.0	37.9	62.4	121	112	107	64.0	44.2	41.3	41.8	40.2	MAX
MIN	43.1	38.1	34.6	34.7	66.6	108	84.8	46.5	38.9	38.3	40.0	37.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.9
MAXIMUM DAILY, 121 ON MAY 19
MINIMUM DAILY, 34.7 ON APR 6
MAXIMUM INSTANTANEOUS,
122 AT 08:10 CST ON MAY 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 26 40 N
LONG 106 21 40 W
DRAINAGE AREA, 7 300 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	128 000	JUL	228 000
FEB	97 600	AUG	140 000
MAR	97 300	SEP	110 000
APR	102 000	OCT	106 000
MAY	287 000	NOV	106 000
JUN	285 000	DEC	105 000

TOTAL DISCHARGE, 1 790 000 dam³

PRAIRIE RIVER NEAR PRAIRIE RIVER - STATION NO. 05LB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0218	0.0318	1.82	0.805	0.102	0.014	0.018	0.034	---	---	1
2	---	---	0.0218	0.0298	1.73	1.33	0.226	0.002	0.031	0.050	---	---	2
3	---	---	0.0218	0.0648	1.82	1.61	0.281	0.007	0.030	0.051	---	---	3
4	---	---	0.0218	0.1018	1.48	1.75	0.281	0.006	0.032	0.061	---	---	4
5	---	---	0.0218	0.1888	1.45	1.89	0.288	0.008	0.033	0.070	---	---	5
6	---	---	0.0218	2.22 E	1.38	2.12	0.237	0.029	0.040	0.106	---	---	6
7	---	---	0.0218	3.02 E	1.31	1.71	0.310	0.006	0.041	0.124	---	---	7
8	---	---	0.0218	1.87 E	1.35	1.60	0.306	0.008	0.042	0.148	---	---	8
9	---	---	0.0218	2.34 E	1.33	1.52	0.295	0.006	0.038	0.159	---	---	9
10	---	---	0.0218	2.74 E	1.24	1.35	0.258	0.011	0.040	0.145	---	---	10
11	---	---	0.0218	3.18	1.11	1.33	0.254	0.006	0.039	0.136	---	---	11
12	---	---	0.0218	2.20	0.983	1.33	0.268	0.005	0.038	0.137	---	---	12
13	---	---	0.0218	1.65	0.827	1.21	0.284	0.006	0.037	0.143	---	---	13
14	---	---	0.0218	1.64	0.872	0.988	0.219	0.008	0.037	0.162	---	---	14
15	---	---	0.0218	2.03	0.825	0.817	0.159	0.006	0.031	0.199	---	---	15
16	---	---	0.0218	2.63	0.772	0.670	0.143	0.003	0.070	0.216	---	---	16
17	---	---	0.0218	2.84	0.722	0.587	0.187	0.002	0.020	0.241	---	---	17
18	---	---	0.0218	3.30	0.652	0.445	0.174	0.002	0.002	0.264	---	---	18
19	---	---	0.0218	3.25	0.643	0.324	0.185	0.006	0.019	0.260	---	---	19
20	---	---	0.0218	3.40	0.519	0.311	0.207	0.003	0.053	0.277	---	---	20
21	---	---	0.0288	3.33	0.514	0.281	0.184	0.003	0.056	0.304	---	---	21
22	---	---	0.0388	3.18	0.515	0.256	0.168	0.003	0.008	0.320	---	---	22
23	---	---	0.0548	2.86	0.537	0.204	0.174	0.006	0.006	0.334	---	---	23
24	---	---	0.0558	2.68	0.520	0.208	0.158	0.005	0.004	0.348	---	---	24
25	---	---	0.0548	2.55	0.531	0.208	0.143	0.005	0.005	0.365	---	---	25
26	---	---	0.0848	2.37	0.540	0.196	0.124	0.004	0.008	0.382	---	---	26
27	---	---	0.0598	2.55	0.509	0.189	0.107	0.004	0.019	0.367A	---	---	27
28	---	---	0.0458	2.28	0.540	0.134	0.110	0.004	0.035	0.387E	---	---	28
29	---		0.0428	2.07	0.533	0.183	0.087	0.006	0.017	0.387E	---	---	29
30	---		0.0458	1.88	0.573	0.135	0.080	0.006	0.020	0.387E	---	---	30
31	---		0.0448		0.578		0.037	0.007		0.387E	---	---	31
TOTAL	---	---	0.946	85.583	28.813	25.569	5.882	0.194	0.868	6.892	---	---	TOTAL
MEAN	---	---	0.031	2.18	0.929	0.853	0.193	0.006	0.029	0.222	---	---	MEAN
MAX	---	---	0.084	3.40	1.82	2.12	0.310	0.029	0.070	0.387	---	---	MAX
MIN	---	---	0.021	0.029	0.509	0.134	0.037	0.002	0.002	0.034	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.550
MAXIMUM DAILY, 3.40 ON APR 20
MINIMUM DAILY, 0.002 ON AUG 2
MAXIMUM INSTANTANEOUS,
7.678 AT 23:47 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 01 N
LONG 102 59 48 W
DRAINAGE AREA, 324 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	517
FEB	---	AUG	18.8
MAR	81.7	SEP	75.0
APR	5 880	OCT	595
MAY	2 490	NOV	---
JUN	2 210	DEC	---

TOTAL DISCHARGE, 11 800 dam³

QU'APPELLE RIVER ABOVE BUFFALO POUND LAKE - STATION NO. 05JG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.318	1.508	1.708	5.058	5.76	8.42	11.0	7.32	4.05	4.30	4.32	1.46	1
2	1.328	1.508	1.708	5.328	5.91	8.58	10.8	7.30	3.96	4.20	4.34	1.58	2
3	1.328	1.508	1.708	4.308	5.86	8.27	10.8	7.38	3.93	4.30	4.30	1.72	3
4	1.328	1.508	2.148	4.668	5.86	8.71	11.4	7.22	3.92	4.40	4.35	1.54	4
5	1.328	1.508	2.868	4.208	5.92	8.73	11.3	7.15	3.88	4.29	4.29	1.46	5
6	1.328	1.508	4.788	3.868	5.81	8.82	11.2	7.16	3.97	4.38	4.31	1.56	6
7	1.338	1.508	3.588	2.81	5.82	8.85	11.3	7.11	3.92	4.32	3.73	1.27	7
8	1.338	1.508	3.588	2.46	5.84	8.83	11.2	7.20	3.83	4.54	1.90	1.80	8
9	1.348	1.508	5.388	2.34	5.78	8.81	11.4	7.31	3.97	4.33	1.76	1.58	9
10	1.348	1.508	3.748	2.29	5.92	9.08	11.4	7.21	4.04	4.43	1.73	0.804	10
11	1.348	1.508	2.088	1.93	5.88	9.18	11.4	7.38	4.02	4.48	1.73	1.74 B	11
12	1.348	1.508	1.928	2.18	5.93	8.84	11.4	5.88	4.05	4.43	1.70	1.58 B	12
13	1.348	1.508	1.888	1.83	5.97	8.67	11.4	4.31	4.01	4.47	1.67	0.917B	13
14	1.348	1.508	1.888	1.82	5.89	8.82	11.5	4.24	4.09	4.28	1.88	0.896B	14
15	1.348	1.508	1.878	1.86	5.98	8.73	11.3	4.70	4.07	4.35	1.76	1.25 B	15
16	1.348	1.508	1.338	1.82	5.80	9.58	11.3	4.36	4.13	4.43	1.26	1.31 B	16
17	1.348	1.508	1.798	2.29	5.92	11.1	11.3	4.23	4.14	4.44	0.799	1.30 B	17
18	1.348	1.508	1.998	3.88	5.89	11.0	11.8	4.28	4.13	4.39	1.46	1.28 B	18
19	1.348	1.508	1.838	4.03	6.06	10.8	11.7	4.20	4.14	4.41	1.55	1.27 B	19
20	1.348	1.508	2.218	3.98	5.98	11.0	11.7	4.18	4.14	4.35	1.85	1.26 B	20
21	1.348	1.508	3.638	3.98	5.81	11.0	11.7	4.21	4.14	4.34	1.50	1.25 B	21
22	1.348	1.508	5.208	3.99	5.85	11.1	11.8	4.12	4.11	4.43	1.84	1.24 B	22
23	1.348	1.508	4.898	3.88	6.52	11.0	12.0	4.15	4.14	4.39	1.80	1.22 B	23
24	1.408	1.508	3.508	3.91	6.17	11.1	11.8	4.18	4.17	4.30	1.20	1.21 B	24
25	1.458	1.508	3.558	3.88	6.14	11.1	11.7	4.17	4.22	4.48	1.87	1.20 B	25
26	1.508	1.508	3.848	3.98	6.26	10.8	11.7	4.15	4.21	4.47	1.58	1.19 B	26
27	1.508	1.508	4.828	3.84	6.32	10.8	11.8	4.05	4.30	4.34	1.23	1.18 B	27
28	1.508	1.708	5.448	3.94	6.56	11.0	10.2	4.06	4.25	4.37	1.28	1.16 B	28
29	1.508		4.738	3.77	6.46	11.2	7.48	4.15	4.31	4.38	1.42	1.15 B	29
30	1.508		4.788	4.82	6.26	10.4	7.42	4.11	4.28	4.28	1.34	1.16 B	30
31	1.508		6.218		6.24		7.39	4.11		4.31		1.13 B	31
TOTAL	42.53	42.30	99.85	104.17	202.56	284.93	342.10	185.51	122.60	135.80	84.938	40.857	TOTAL
MEAN	1.37	1.51	3.22	3.47	6.53	9.83	11.0	5.34	4.09	4.37	2.15	1.32	MEAN
MAX	1.50	1.70	6.21	6.06	6.56	11.2	12.0	7.38	4.31	4.54	4.35	1.80	MAX
MIN	1.31	1.50	1.33	1.82	5.76	8.27	7.39	4.06	3.88	4.20	0.799	0.804	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.54
MAXIMUM DAILY, 12.0 ON JUL 23
MINIMUM DAILY, 0.799 ON NOV 17
MAXIMUM INSTANTANEOUS,
12.2 AT 11:01 CST ON JUL 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 00 N
LONG 105 49 31 W
DRAINAGE AREA, 2 930 km²

B - ICE CONDITIONS

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 670	JUL	28 600
FEB	3 680	AUG	14 300
MAR	8 840	SEP	10 600
APR	9 000	OCT	11 700
MAY	17 500	NOV	5 610
JUN	25 500	DEC	3 530

TOTAL DISCHARGE, 143 000 dam³

QU'APPELLE RIVER AT HYDE - STATION NO. 05JM013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.548	11.5 B	2.35	1.01	0.236	1.04	0.050	0.787	---	---	1
2	---	---	2.638	11.4 B	2.13	1.09	0.274	0.893	0.035	0.868	---	---	2
3	---	---	2.708	11.0 B	2.07	1.07	0.282	0.800	0.005	0.818	---	---	3
4	---	---	2.718	10.6 B	2.04	1.11	0.347	0.403	0.002	0.855	---	---	4
5	---	---	2.798	10.7 B	2.04	1.48	0.353	0.491	0.001	0.889	---	---	5
6	---	---	2.878	9.898	2.13	1.41	0.402	0.787	0.001	0.885	---	---	6
7	---	---	2.818	8.278	2.07	1.04	0.371	0.748	0.001	0.745	---	---	7
8	---	---	2.678	5.34	2.18	0.776	0.376	0.684	0.001	0.849	---	---	8
9	---	---	2.798	4.36	2.06	0.589	0.503	0.557	0.001	0.805	---	---	9
10	---	---	2.978	4.08	1.90	0.497	0.574	0.428	0.001	0.840	---	---	10
11	---	---	2.758	3.88	1.90	0.581	0.580	0.228	0.002	0.815	---	---	11
12	---	---	2.808	4.13	1.78	0.634	0.703	0.195	0.015	0.899	---	---	12
13	---	---	2.538	3.85	1.74	0.520	0.871	0.122	0.018	0.550	---	---	13
14	---	---	2.578	3.75	1.71	0.406	0.513	0.046	0.015	0.438	---	---	14
15	---	---	2.618	3.80	1.80	0.328	0.395	0.049	0.171	0.481	---	---	15
16	---	---	2.538	3.40	1.80	0.328	0.416	0.078	0.281	0.524	---	---	16
17	---	---	2.478	3.32	1.64	0.353	0.484	0.105	0.272	0.514	---	---	17
18	---	---	2.778	3.46	1.39	0.327	0.384	0.122	0.287	0.440	---	---	18
19	---	---	3.188	3.37	1.31	0.334	0.285	0.129	0.341	0.383	---	---	19
20	---	---	3.948	3.32	1.18	0.389	0.220	0.138	0.521	0.324	---	---	20
21	---	---	4.338	3.38	1.08	0.320	0.184	0.138	0.819	0.305	---	---	21
22	---	---	5.068	3.72	0.950	0.224	0.448	0.133	0.805	0.319	---	---	22
23	---	---	5.478	3.22	1.04	0.180	1.05	0.130	0.806	0.339	---	---	23
24	---	2.348	7.078	2.83	1.06	0.232	1.10	0.108	0.814	0.334	---	---	24
25	---	2.378	9.198	3.00	0.884	0.260	1.12	0.088	0.827	0.323	---	---	25
26	---	2.388	10.9 B	2.78	0.721	0.215	1.07	0.087	0.881	0.298A	---	---	26
27	---	2.358	13.1 B	2.78	0.896	0.137	1.11	0.084	0.714	0.298E	---	---	27
28	---	2.438	13.6 B	2.85	0.615	0.151	1.08	0.048	0.703	0.298E	---	---	28
29	---		14.7 B	3.02	0.585	0.226	0.985	0.058	0.702	0.298E	---	---	29
30	---		14.0 B	2.45	0.828	0.209	0.992	0.085	0.778	0.298E	---	---	30
31	---		12.4 B		0.728		1.04	0.080		0.298E		---	31
TOTAL	---	---	183.73	193.56	45.958	15.416	18.516	8.788	8.851	18.979	---	---	TOTAL
MEAN	---	---	5.28	5.12	1.48	0.547	0.597	0.283	0.288	0.548	---	---	MEAN
MAX	---	---	14.7	11.5	2.35	1.48	1.12	1.04	0.778	0.940	---	---	MAX
MIN	---	---	2.47	2.45	0.585	0.137	0.184	0.048	0.001	0.298	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.77
MAXIMUM DAILY, 14.78 ON MAR 28
MINIMUM DAILY, 0.001 ON SEP 5
MAXIMUM INSTANTANEOUS
14.88 AT 12:58 CST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 29 N
LONG 102 55 03 W
DRAINAGE AREA, 44 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 800
FEB	---	AUG	759
MAR	14 100	SEP	747
APR	13 300	OCT	1 470
MAY	3 970	NOV	---
JUN	1 420	DEC	---

TOTAL DISCHARGE, 37 400 dam³

QU'APPELLE RIVER BELOW CRAVEN DAM - STATION NO. 05JK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.668	3.648	4.218	4.30	1.61	2.06	1.93	1.90	0.198	0.185	2.34	1.02	1
2	3.858	3.758	4.228	4.51	0.723	2.07	1.88	1.88	0.187	0.148	1.89	1.01	2
3	3.778	3.808	4.248	5.23	0.733	2.02	1.87	1.89	0.193	0.138	1.18	1.01	3
4	3.788	3.758	4.158	5.38	0.734	2.02	1.83	2.00	0.226	0.133	1.22	0.995	4
5	3.698	3.718	3.858	5.33	0.717	1.98	1.78	2.28	0.224	0.120	1.21	0.983	5
6	3.688	3.808	3.888	4.54	0.708	1.95	1.78	2.17	0.223	0.122	1.20	0.989	6
7	3.658	3.648	4.118	3.85	0.705	1.96	1.78	2.15	0.222	0.186	1.17	0.952	7
8	3.688	3.588	4.068	3.80	0.684	1.95	1.78	2.17	0.210	0.275	1.10	0.956	8
9	3.708	3.538	4.088	3.74	0.660	1.98	1.74	2.16	0.211	0.270	1.05	0.953	9
10	3.748	3.528	4.058	3.67	0.680	1.97	1.72	2.14	0.230	0.269	1.02	0.942	10
11	3.758	3.588	4.04	3.48	0.868	1.95	1.75	2.26	0.230	0.277	1.07	0.933	11
12	3.858	3.568	3.98	3.52	0.801	1.98	1.78	2.24	0.223	0.272	1.09	0.927	12
13	3.508	3.808	3.93	3.80	0.693	1.98	1.77	2.21	0.198	0.281	1.11	0.919	13
14	3.458	3.828	3.88	3.82	0.613	1.98	1.78	2.18	0.211	0.281	1.10	0.911	14
15	3.578	3.738	3.87	4.52	1.84	1.98	1.81	2.18	0.198	0.274	1.08	0.921	15
16	3.708	3.668	3.84	2.95	2.75	1.96	1.80	2.08	0.221	0.272	1.08	0.918	16
17	3.798	3.798	3.81	1.23	2.77	1.98	1.78	2.06	0.219	0.274	1.08	0.914	17
18	3.768	3.798	3.77	1.28	2.78	1.98	1.75	2.10	0.198	0.270	1.03	0.897	18
19	3.858	3.828	3.75	1.26	2.75	1.98	1.73	2.06	0.183	0.271	1.03	0.882	19
20	3.788	3.858	3.73	1.27	2.93	1.98	1.74	1.98	0.175	0.282	1.01	0.877	20
21	3.868	3.888	3.72	1.26	3.07	1.96	1.75	2.11	0.181	0.271	0.980	0.868	21
22	3.828	3.908	3.73	2.40	3.07	1.92	1.75	1.82	0.137	0.288	1.02	0.855	22
23	3.928	3.918	3.85	3.37	3.06	1.97	1.73	0.188	0.173	0.251	1.04	0.863	23
24	3.888	3.888	3.82	3.18	3.07	1.92	1.73	0.224	0.224	0.243	1.05	0.887	24
25	3.838	3.908	3.84	3.13	3.06	1.84	1.77	0.224	0.213	0.238	1.05	0.894	25
26	3.948	3.938	3.93	3.16	3.06	1.88	1.77	0.232	0.215	0.231	1.07	0.8918	26
27	3.988	4.058	4.04	3.13	2.47	1.85	1.78	0.228	0.224	1.82	1.02	0.8848	27
28	4.008	4.128	3.99	3.12	2.11	1.87	1.88	0.232	0.220	3.10	1.01	0.8828	28
29	3.988		4.08	3.13	2.32	1.88	2.07	0.236	0.205	2.29	1.03	0.8678	29
30	3.918		4.16	3.09	2.16	1.90	2.08	0.218	0.206	2.29	1.03	0.8708	30
31	3.768		4.26		2.08		1.98	0.207		2.33		0.8578	31
TOTAL	118.78	105.05	122.92	100.43	55.777	58.80	58.13	47.758	6.159	17.730	34.380	28.543	TOTAL
MEAN	3.77	3.75	3.97	3.35	1.80	1.95	1.81	1.54	0.205	0.572	1.15	0.921	MEAN
MAX	4.00	4.13	4.26	5.38	3.07	2.07	2.07	2.28	0.230	3.10	2.34	1.02	MAX
MIN	3.45	3.52	3.73	1.23	0.693	1.84	1.72	0.188	0.137	0.120	0.980	0.855	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2.06
MAXIMUM DAILY, 5.38 ON APR 4
MINIMUM DAILY, 0.120 ON OCT 5
MAXIMUM INSTANTANEOUS,
5.44 AT 06 57 CST ON APR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 20 N
LONG 104 47 50 W
DRAINAGE AREA, 33 700 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 100	JUL	4 850
FEB	9 850	AUG	4 130
MAR	10 600	SEP	532
APR	8 880	OCT	1 530
MAY	4 820	NOV	2 970
JUN	5 060	DEC	2 470

TOTAL DISCHARGE, 54 800 dam³

QU'APPELLE RIVER BELOW KATEPWA LAKE - STATION NO. 05JL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.598	2.418	2.848	3.31	1.58	1.05	0.513	0.982	0.078	1.03	2.00	2.06	1
2	3.738	2.588	2.878	3.38	1.64	1.31	0.039	0.824	0.088	0.445	2.01	1.98	2
3	3.868	2.498	2.808	3.32	1.74	0.889	0.149	0.864	0.198	0.523	2.39	1.94	3
4	3.848	2.458	2.818	3.34	1.77	0.385	0.304	0.347	0.228	1.25	4.65A	1.81	4
5	3.928	2.518	2.858	3.32	2.03 A	0.280	0.288	0.502	0.130	0.633	3.97A	1.89	5
6	4.068	2.508	2.858	3.23	2.00 E	0.446	0.488	0.383	0.309	0.619	3.96A	1.88	6
7	4.048	2.408	2.948	3.08	1.90 E	0.573	0.701	0.258	0.280	0.245	4.08A	1.79	7
8	4.128	2.408	2.898	3.03	1.80 E	0.208	0.398	0.338	0.408	0.527	3.83A	1.86	8
9	4.268	2.438	2.858	3.16	1.69 E	0.152	0.328	0.248	0.171	0.230	3.30	1.77	9
10	4.218	2.438	2.848	3.33	1.57 E	0.148	0.388	0.159	0.388	0.127	3.37A	1.96	10
11	4.158	2.428	2.888	3.13	1.48 A	0.371	0.348	0.508	0.374	0.137	3.22A	2.19A	11
12	4.018	2.478	2.888	2.99	1.49	0.238	0.298	0.152	0.393	0.119	3.17	2.068	12
13	3.808	2.508	2.818	2.89	1.41	0.308	0.278	0.079	0.358	0.417	3.04	2.049	13
14	3.908	2.508	2.818	2.78	1.51	0.180	0.325	0.083	0.508	0.068	3.14	2.028	14
15	4.008	2.508	2.91	2.72	1.34	0.178	0.298	0.119	0.475	0.068	3.17	2.008	15
16	3.808	2.488	2.84	2.74	1.22	0.202	0.782	0.068	0.945	0.188	2.73	1.988	16
17	3.438	2.548	2.82	2.72	1.11	0.572	1.07	0.150	1.01	0.279	2.77	2.028	17
18	3.378	2.608	2.86	2.89	0.915	0.228	1.04	0.240	0.950	0.283	2.79	2.138	18
19	3.368	2.608	2.96	2.98	0.983	0.178	1.07	0.163	0.782	0.304	2.90	1.818	19
20	2.818	2.588	2.97	2.77	1.15	0.188	1.09	0.097	0.789	0.242	2.30	1.888	20
21	2.898	2.638	3.05	2.30	0.839	0.223	0.984	0.340	0.772	0.313	2.31	1.938	21
22	2.548	2.838	3.54	2.41	0.390	0.278	0.993	0.075	0.844	0.455	2.39	1.958	22
23	2.688	2.718	3.94	2.24	0.416	0.314	1.03	0.045	0.828	0.701	2.28	1.888	23
24	2.728	2.688	4.08	2.21	0.392	0.405	0.975	0.045	0.742	0.833	2.21	1.928	24
25	2.718	2.588	4.04	2.28	0.281	0.378	0.898	0.049	0.784	0.887	2.17	1.938	25
26	2.738	2.778	3.80	2.60	0.282	0.188	0.861	0.054	0.785	1.29	2.24	1.888	26
27	2.888	2.848	3.62	1.90	0.586	0.181	0.870	0.050	0.932	1.10	2.09	1.858	27
28	2.868	2.838	3.42	1.45	0.871	0.207	0.585	0.063	1.09	1.21	2.11	1.828	28
29	2.598		3.32	1.72	0.873	0.180	0.258	0.198	0.951	1.53	2.10	1.818	29
30	2.518		3.24	1.83	0.846	0.187	0.722A	0.142	0.853	1.89	2.06	1.898	30
31	2.418		3.33		0.745		0.793	0.134		1.86		1.778	31
TOTAL	105.18	71.78	96.78	82.04	37.139	10.253	19.117	7.524	17.374	19.231	84.77	60.07	TOTAL
MEAN	3.39	2.56	3.12	2.73	1.20	0.342	0.617	0.243	0.579	0.620	2.83	1.94	MEAN
MAX	4.26	2.84	4.06	3.38	2.03	1.31	1.09	0.982	1.09	1.86	4.65	2.19	MAX
MIN	2.41	2.40	2.80	1.83	0.281	0.148	0.039	0.045	0.068	0.068	2.00	1.77	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.67
MAXIMUM DAILY, 4.65A ON NOV 4
MINIMUM DAILY, 0.039 ON JUL 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 41 N
LONG 103 36 02 W
DRAINAGE AREA, 40 800 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 050	JUL	1 650
FEB	6 200	AUG	650
MAR	8 360	SEP	1 500
APR	7 050	OCT	1 660
MAY	3 210	NOV	7 320
JUN	886	DEC	5 190

TOTAL DISCHARGE, 52 800 dam³

QU'APPELLE RIVER BELOW LOON CREEK - STATION NO. 05JK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.788	3.698	3.158	3.918	3.58E	2.33	1.83	1.83	0.119E	0.272E	1.61E	1.20 B	1
2	2.898	3.678	3.278	4.008	3.55E	2.19	1.88	1.71	0.124E	0.275E	1.82E	1.16 B	2
3	2.988	3.638	3.298	4.138	3.52E	2.16	1.85	1.68	0.128E	0.278E	1.84E	1.19 B	3
4	3.048	3.548	3.428	5.218	3.48E	2.08	1.85	1.75	0.133E	0.281E	1.85E	1.16 B	4
5	3.188	3.498	3.518	9.088	3.43E	1.98	1.85	1.78	0.137E	0.285E	1.42E	1.17 B	5
6	3.158	3.488	3.538	7.628	3.43E	1.91	1.89	1.80	0.143E	0.288E	1.39E	1.16 B	6
7	3.218	3.398	3.208	6.00	3.40A	1.83	1.93	1.82	0.147E	0.291E	1.40E	1.17 B	7
8	3.298	3.358	3.038	5.45	3.33A	1.82	1.90	1.82	0.152E	0.294E	1.37E	1.16 B	8
9	3.348	3.278	2.938	4.70	1.26E	1.78	1.85	1.85	0.158E	0.297E	1.37E	1.17 B	9
10	3.428	3.108	2.978	4.11	1.30E	1.87	1.80	2.18	0.161E	0.301E	1.38E	1.15 B	10
11	3.408	3.088	2.988	3.81	1.34A	1.81	1.80	1.78	0.185E	0.304E	1.36E	1.17 B	11
12	3.368	3.088	2.938	3.73	1.38E	1.82	1.79	1.78	0.169E	0.307E	1.38E	1.16 B	12
13	3.328	3.088	2.988	3.46	1.43E	1.80	1.78	1.85	0.172E	0.311E	1.35E	1.14 B	13
14	3.198	3.058	3.008	3.72	1.48E	1.78	1.78	2.05	0.176A	0.315E	1.35E	1.13 B	14
15	3.078	3.058	3.078	3.90	1.52A	1.78	1.83	1.88	0.182E	0.318A	1.35E	1.12 B	15
16	3.258	3.058	3.078	3.67	1.60E	1.70	1.75	1.84	0.188E	0.312E	1.33B	1.17 B	16
17	3.298	3.058	3.098	4.04	1.67A	1.71	1.73	1.82	0.194E	0.306E	1.31B	1.14 B	17
18	3.228	3.058	3.118	3.83	2.38	1.88	1.87	1.83	0.200E	0.303E	1.30B	1.17 B	18
19	3.258	3.058	3.188	2.00E	2.30A	1.78	1.95	1.84	0.204E	0.298E	1.29B	1.12 B	19
20	3.268	3.058	3.248	1.80E	2.34A	1.78	1.81	1.83	0.210E	0.293E	1.28B	1.04 B	20
21	3.288	3.048	3.278	1.52E	2.34	1.74	1.86	1.72	0.215E	0.288E	1.26B	1.02 B	21
22	3.278	3.048	3.318	1.54E	2.44	1.88	1.85	1.74	0.220E	0.284E	1.27B	0.9728	22
23	3.378	3.048	3.348	1.58E	2.81	1.67	1.90	1.83	0.224E	0.279E	1.26B	0.9478	23
24	3.578	3.048	3.488	1.58E	2.93	1.55	1.85	1.73	0.230E	0.274E	1.28B	0.9358	24
25	3.748	3.048	4.088	1.80E	2.14	1.54	1.88	0.100E	0.235E	0.269A	1.25B	0.9009	25
26	3.778	3.048	3.948	2.30E	2.31	1.57	1.91	0.102E	0.241E	0.264E	1.25B	0.8398	26
27	3.658	3.048	3.448	2.80E	2.57	1.58	1.83	0.105E	0.247E	0.259E	1.24B	0.8908	27
28	3.648	3.048	3.328	3.70E	3.54	1.61	1.82	0.108E	0.253E	0.254A	1.23B	0.8108	28
29	3.658		3.848	3.85E	3.77	1.80	1.83	0.110E	0.260E	2.06 E	1.22B	0.7908	29
30	3.728		3.858	3.60E	3.07	1.80	2.08	0.113E	0.289A	2.17 E	1.21B	0.7608	30
31	3.768		3.898		2.58		2.31	0.115A		1.84 E		0.7408	31
TOTAL	103.31	89.45	102.83	113.12	77.58	53.77	57.09	44.773	5.854	14.174	41.18	32.863	TOTAL
MEAN	3.33	3.20	3.31	3.77	2.50	1.79	1.84	1.44	0.188	0.457	1.37	1.05	MEAN
MAX	3.78	3.69	4.08	9.08	3.77	2.33	2.31	2.18	0.289	2.17	1.84	1.20	MAX
MIN	2.78	3.04	2.93	1.80	1.38	1.53	1.83	0.100	0.119	0.254	1.21	0.740	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2.01
MAXIMUM DAILY, 9.088 ON APR 5
MINIMUM DAILY, 0.100E ON AUG 25
MAXIMUM INSTANTANEOUS,
9.629 AT 14.05 CST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 11 N
LONG 104 17 31 W
DRAINAGE AREA, 38 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 930	JUL	4 930
FEB	7 730	AUG	3 870
MAR	8 870	SEP	489
APR	9 770	OCT	1 220
MAY	6 700	NOV	3 560
JUN	4 650	DEC	2 820

TOTAL DISCHARGE, 63 500 dam³

REMARKS - RECORD QUALITY FOR THE PERIODS APRIL 19 TO MAY 17 AND AUGUST 25 TO DECEMBER 6 WAS POOR DUE TO INVALID STAGE RECORD

QU'APPELLE RIVER BELOW MOOSE JAW RIVER - STATION NO. 05JC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5868	0.8338	0.6148	4.14	4.02	5.61	5.86	4.88	2.32	2.81	2.39	0.8858	1
2	0.7168	0.8668	0.8908	3.88	3.96	6.12	5.90	4.52	2.22	2.63	2.48	0.8098	2
3	0.5668	0.7728	0.7908	4.12	4.18	5.88	5.85	4.48	2.42	2.68	2.43	0.7228	3
4	0.5608	0.7288	0.8338	3.78	4.14	5.33	5.27	4.82	2.48	2.90	2.58	0.8668	4
5	0.4818	0.7828	1.86 B	3.89	4.22	5.06	6.48	8.38	2.30	3.87	2.24	0.8728	5
6	0.3808	0.8348	3.92 B	3.79	4.05	5.61	6.48	5.81	2.33	2.87	0.868	0.8378	6
7	0.3308	0.8968	3.87 B	3.92	3.98	5.88	6.61	6.33	2.42	2.40	0.777	0.8468	7
8	0.3808	0.8948	2.00 B	3.72	3.98	5.23	6.38	6.38	2.31	2.87	0.742	0.5988	8
9	0.3008	0.8558	1.78 B	3.83	3.88	4.88	7.28	6.28	2.28	2.51	0.832	0.1168	9
10	0.3308	0.7798	1.51 B	6.42	3.46	4.17	7.54	5.87	2.31	2.44	0.941	0.0828	10
11	0.4088	0.7678	0.8718	6.13	0.108	4.94	7.51	5.40	2.28	2.41	0.928	0.1078	11
12	0.6108	0.8078	0.9888	6.11	1.35	4.78	7.46	5.17	2.25	2.31	0.877	0.2888	12
13	0.6768	0.8118	0.8328	5.80	5.44	4.88	7.42	5.58	2.16	2.44	0.803	0.2648	13
14	0.682	0.4888	0.8758	5.84	5.23	4.54	7.46	5.82	2.31	2.28	1.03	0.2918	14
15	0.8538	1.32 B	1.14 B	5.32	5.18	4.38	7.12	2.47	2.25	2.10	1.08 B	0.3138	15
16	0.3938	1.24 B	1.12 B	4.94	5.09	4.15	7.80	2.48	2.31	2.32	1.06 B	0.3318	16
17	0.4898	1.04 B	0.9858	5.84	5.02	4.89	7.48	3.46	2.33	2.35	1.05 B	0.2558	17
18	0.6738	1.04 B	0.9578	5.38	4.74	4.62	7.80	2.47	2.29	2.38	0.8908	0.4638	18
19	0.448	0.8848	0.8988	5.32	4.83	4.52	7.83	2.38	2.26	2.27	1.08 B	0.8858	19
20	0.7638	0.7848	0.8308	5.15	5.38	4.62	8.04	2.34	2.24	2.28	1.02 B	0.7548	20
21	0.8998	0.7108	0.8238	4.77	4.83	4.93	8.70	2.47	2.21	2.11	1.06 B	0.7248	21
22	0.8108	0.8828	1.11 B	4.87	4.80	5.15	8.82	2.38	2.90	2.28	1.06 B	0.7288	22
23	0.8888	0.8538	1.31 B	4.80	4.58	5.19	9.08	2.31	2.83	2.29	1.03 B	0.6418	23
24	0.8818	0.8048	1.38 B	4.32	4.57	5.38	9.06	2.28	2.52	2.23	1.03 B	0.6088	24
25	0.845	0.8138	1.58 B	4.38	4.53	5.87	8.84	2.32	2.94	2.38	1.01 B	0.6458	25
26	0.8928	0.8198	1.86	4.46	4.80	5.22	8.97	2.34	2.83	2.82	0.8868	0.6748	26
27	0.8538	0.8248	1.82	4.27	4.82	5.23	9.03	2.32	2.75	2.47	0.8928	0.5838	27
28	0.7838	0.8308	2.66	4.24	4.89	5.51	8.99	2.28	2.75	2.38	0.8758	0.5268	28
29	0.8288		2.13	3.81	5.06	5.61	8.37	2.40	2.78	2.37	0.8858	0.5508	29
30	0.8288		1.86	3.88	5.07	5.62	8.83	2.38	2.73	2.32	0.8878	0.5908	30
31	0.8808		3.48		5.08		8.70	2.30		2.35		0.6108	31
TOTAL	16.862	22.557	47.957	140.14	133.985	152.51	228.30	117.40	71.99	75.52	36.383	16.829	TOTAL
MEAN	0.606	0.806	1.55	4.67	4.32	5.08	7.40	3.79	2.40	2.44	1.21	0.536	MEAN
MAX	0.982	1.32	3.92	6.42	5.44	6.12	9.08	6.61	2.79	2.90	2.56	0.885	MAX
MIN	0.300	0.468	0.614	3.68	0.108	4.15	4.70	2.28	2.15	2.10	0.742	0.092	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2.81
MAXIMUM DAILY, 9.08 ON JUL 23
MINIMUM DAILY, 0.092B ON DEC 10
MAXIMUM INSTANTANEOUS,
9.21 AT 20.06 CST ON JUL 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 34 40 N
LONG 105 18 00 W
DRAINAGE AREA, 12 800 km²
B - ICE CONDITIONS
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 630	JUL	19 800
FEB	1 850	AUG	10 100
MAR	4 140	SEP	6 220
APR	12 100	OCT	6 520
MAY	11 800	NOV	3 140
JUN	13 200	DEC	1 440

TOTAL DISCHARGE, 81 800 dam³

QU'APPELLE RIVER NEAR LUMSDEN - STATION NO 05JF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 22 B	1 388	1 488	7 938	5 07	7 36	7 02	5 12	3 98	3 46	3 54	1 69 B	1
2	0 9688	1 358	1 448	8 988	5 43	8 21	7 28	5 02	3 86	3 60	3 62	1 70 B	2
3	1 06 B	1 358	1 308	10 7 B	5 43	8 29	7 56	5 83	3 44	3 61	3 69	1 77 B	3
4	1 05 B	1 328	1 458	10 5 B	5 55	8 11	7 36	5 78	3 22	3 68	3 71	1 71 B	4
5	1 08 B	1 318	1 678	11 1 B	5 38	7 47	7 42	5 89	3 12	3 82	3 79	1 86 B	5
6	1 05 B	1 238	2 878	10 4 B	5 21	7 18	7 87	6 90	2 91	4 08	3 55	1 83 B	6
7	1 05 B	1 018	4 368	8 55	4 82	7 12	8 80	7 33	2 77	3 89	2 70	1 60 B	7
8	1 05 B	1 048	4 068	7 76	4 85	7 41	8 50	7 11	2 83	3 76	1 878	1 83 B	8
9	1 08 B	1 188	3 398	8 56	4 83	6 90	8 14	7 04	2 76	3 69	1 818	1 58 B	9
10	1 00 B	1 258	2 818	9 38	4 85	6 58	8 26	6 97	2 79	3 84	1 838	1 29 B	10
11	1 01 B	1 308	2 398	9 88	4 22	6 19	8 82	6 72	2 76	3 70	1 898	0 8618	11
12	1 13 B	1 288	2 178	9 37	2 17	7 08	8 66	6 93	2 70	3 84	1 798	0 7108	12
13	1 24 B	1 338	1 998	3 10	1 81	8 37	8 67	6 90	2 82	3 49	1 578	0 7208	13
14	1 33 B	1 328	1 858	8 17	5 82	8 12	8 63	6 39	2 86	3 45	1 358	0 8518	14
15	1 31 B	1 078	1 838	10 3	8 78	8 83	8 38	4 25	2 61	3 86	1 388	0 9578	15
16	1 25 B	1 118	1 828	9 01	6 47	8 53	8 19	3 47	2 88	3 40	1 288	0 7118	16
17	1 33 B	1 298	1 838	8 38	5 43	5 40	6 21	3 44	2 88	3 57	1 778	0 6848	17
18	1 27 B	1 418	1 878	8 33	6 44	5 71	8 38	3 40	2 88	3 56	2 218	0 7388	18
19	1 24 B	1 518	1 938	8 30	6 33	5 88	8 88	3 40	2 74	3 72	1 808	0 7808	19
20	1 28 B	1 888	1 988	8 17	6 38	5 60	11 4	3 28	2 88	3 73	1 448	0 8758	20
21	1 36 B	1 808	2 088	7 97	6 77	5 52	10 6	3 14	2 84	3 65	1 428	0 8788	21
22	1 34 B	1 528	3 388	7 24	6 44	5 88	10 3	2 99	2 81	3 44	1 568	0 8148	22
23	1 24 B	1 488	5 678	6 81	6 10	5 80	10 5	3 00	2 89	3 56	1 948	1 00 B	23
24	1 29 B	1 528	6 028	6 08	5 89	5 87	10 6	3 07	3 01	3 31	1 868	1 03 B	24
25	1 38 B	1 548	5 838	5 78	5 88	6 07	10 7	3 21	2 96	3 41	1 768	0 8308	25
26	1 41 B	1 488	5 828	5 80	6 11	6 32	10 5	3 22	2 98	3 73	1 848	0 8208	26
27	1 42 B	1 488	5 808	5 87	6 06	6 04	10 3	3 37	3 22	3 80	1 628	0 7138	27
28	1 39 B	1 408	5 828	5 52	7 77	6 01	10 1	3 76	3 36	3 44	1 588	0 8738	28
29	1 35 B		6 218	5 33	12 5	6 38	9 95	3 58	3 48	3 17	1 618	0 9808	29
30	1 39 B		7 508	5 13	8 34	6 65	9 59	3 56	3 44	3 12	1 598	1 03 B	30
31	1 40 B		7 978		7 13		7 13	4 07		3 49		0 9678	31
TOTAL	37 985	37 73	106 41	220 38	183 56	194 85	278 86	150 14	89 40	111 38	83 30	33 980	TOTAL
MEAN	1 22	1 35	3 40	7 35	5 92	6 49	8 00	4 84	2 98	3 59	2 11	1 10	MEAN
MAX	1 42	1 88	7 97	11 1	12 5	8 29	11 4	7 33	3 98	4 08	3 79	1 77	MAX
MIN	0 9885	1 01	1 30	3 10	1 81	5 40	7 02	2 99	2 61	3 12	1 28	0 820	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 4 13
MAXIMUM DAILY, 12 5 ON MAY 29
MINIMUM DAILY, 0 8208 ON DEC 26
MAXIMUM INSTANTANEOUS,
14 5 AT 04 26 CST ON MAY 29

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 16 N
LONG 104 51 06 W
DRAINAGE AREA 18 300 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 280	JUL	24 100
FEB	3 260	AUG	13 000
MAR	9 110	SEP	7 720
APR	19 000	OCT	9 620
MAY	15 900	NOV	5 670
JUN	18 800	DEC	2 940

TOTAL DISCHARGE 130 000 dam³

QU'APPELLE RIVER NEAR WELBY - STATION NO 05JM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 568	2 658	2 618	8 788	1 40	1 94	1 40	0 580	0 402	2 57	3 32	2 518	1
2	2 628	2 618	2 578	13 5 B	1 31	1 94	1 43	0 510	0 400	2 28	3 32	2 588	2
3	2 558	2 758	2 628	15 5 B	1 31	1 99	1 28	0 470	0 400	2 06	3 37	2 588	3
4	2 478	2 788	2 668	19 1 B	1 38	2 16	1 17	0 434	0 405	1 93	3 36	2 588	4
5	2 438	2 858	2 888	23 8 B	1 37	2 10	1 12	0 433	0 410	1 85	3 34	2 568	5
6	2 398	2 928	2 738	30 7 B	1 36	1 79	1 07	0 374	0 420	1 82	3 33	2 588	6
7	2 388	2 928	2 748	27 7	1 37	1 84	1 08	0 299	0 430	1 87	3 28	2 608	7
8	2 388	2 868	2 808	18 9	1 41	1 56	1 04	0 382	0 440	1 27	3 09	2 588	8
9	2 348	2 878	3 088	13 1	1 45	1 49	1 08	0 397	0 445	1 06	3 008	2 618	9
10	2 288	2 858	3 348	9 73	1 46	1 57	1 24	0 415	0 461	1 20	2 908	2 578	10
11	2 288	2 888	3 438	7 70	1 54	1 73	1 44	0 456	0 484	2 51	2 808	2 618	11
12	2 278	2 828	3 478	6 33	1 83	1 71	2 62	0 444	0 512	2 83	2 708	2 568	12
13	2 228	2 826	2 838	5 34	1 72	1 89	3 38	0 434	0 507	2 81	2 628	2 518	13
14	2 218	2 838	1 838	4 72	2 03	1 81	2 91	0 494	0 498	2 56	2 558	2 248	14
15	2 288	2 858	1 438	4 17	2 28	1 74	2 44	0 543	0 476	2 43	2 588	2 008	15
16	2 228	2 378	1 368	3 76	2 28	1 82	2 53	0 547	0 379	2 50	2 618	2 068	16
17	1 918	1 868	1 438	3 46	2 05	1 50	2 38	0 551	0 357	2 17	2 358	2 208	17
18	1 858	2 228	1 598	3 54	2 02	1 38	1 90	0 534	0 329	1 85	2 068	2 198	18
19	2 088	2 448	1 708	3 74	2 20	1 48	1 95	0 547	0 474	1 83	1 988	2 228	19
20	2 178	2 588	1 798	3 94	2 31	1 69	1 78	0 535	1 12	1 81	1 768	2 268	20
21	2 178	2 688	2 008	4 28	2 27	1 82	1 62	0 514	4 99	1 85	2 328	2 278	21
22	2 228	2 718	2 958	4 44	2 22	1 81	1 18	0 479	5 85	2 44	2 738	2 188	22
23	2 288	2 768	5 588	4 22	2 19	1 81	1 08	0 473	5 52	3 25	2 868	2 058	23
24	2 338	2 838	6 018	3 28	1 94	1 88	0 936	0 487	5 11	3 47	2 498	1 948	24
25	2 318	2 848	6 688	2 97	1 85	1 81	0 854	0 482	4 83	3 60	2 738	1 848	25
26	2 288	2 738	7 738	2 25	1 81	1 85	0 795	0 458	4 10	3 57	2 878	1 748	26
27	2 288	2 618	7 058	2 00	1 78	1 45	0 755	0 436	3 62	3 52	2 518	1 748	27
28	2 248	2 638	9 128	1 81	1 81	1 47	0 710	0 413	3 28	3 55	2 608	1 718	28
29	2 368		9 488	1 70	2 09	1 51	0 670	0 401	2 93	3 58	2 298	1 638	29
30	2 528		8 078	1 53	2 24	1 42	0 630	0 400	2 89	3 58	2 428	1 548	30
31	2 608		7 878		1 93		0 590	0 405		3 29		1 498	31
TOTAL	71 59	75 80	120 08	255 53	56 00	50 36	44 830	14 277	52 289	75 73	82 35	68 72	TOTAL
MEAN	2 31	2 71	3 87	8 52	1 81	1 68	1 45	0 461	1 74	2 44	2 75	2 22	MEAN
MAX	2 82	2 92	9 48	30 7	2 31	2 18	3 38	0 551	5 85	3 60	3 37	2 81	MAX
MIN	1 81	1 98	1 38	1 53	1 31	1 38	0 590	0 299	0 329	1 06	1 78	1 89	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2 65
MAXIMUM DAILY, 30 78 ON APR 6
MINIMUM DAILY, 0 288 ON AUG 7
MAXIMUM INSTANTANEOUS
34 2 AT 00 39 CST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION LAT 50 29 28 N
LONG 101 33 28 W
DRAINAGE AREA 50 900 km²

B ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 180	JUL	3 870
FEB	6 550	AUG	1 230
MAR	10 400	SEP	4 520
APR	22 100	OCT	6 540
MAY	4 840	NOV	7 120
JUN	4 350	DEC	5 940

TOTAL DISCHARGE 83 700 dam³

QUILL CREEK NEAR QUILL LAKE - STATION NO 05MA020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 478B	0 004	0	0	0	0	0	---	---	1
2	---	---	0 B	0 830B	0 003	0	0	0	0	0	---	---	2
3	---	---	0 B	1 03 B	0 004	0	0	0	0	0	---	---	3
4	---	---	0 B	1 52 B	0 002	0	0	0	0	0	---	---	4
5	---	---	0 B	2 99	0	0	0	0	0	0	---	---	5
6	---	---	0 B	2 53	0	0	0	0	0	0	---	---	6
7	---	---	0 B	3 49	0	0	0	0	0	0	---	---	7
8	---	---	0 B	2 60	0	0	0	0	0	0	---	---	8
9	---	---	0 B	1 93	0	0	0	0	0	0	---	---	9
10	---	---	0 B	1 22	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0 787	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0 644	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0 455	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0 310	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0 193	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0 131	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0 089	0	0 025	0	0	0	0	---	---	17
18	---	---	0 B	0 070	0	0 001	0	0	0	0	---	---	18
19	---	---	0 B	0 051	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0 080	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0 050	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0 037	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0 014	0	0	0	0	0	0	---	---	23
24	---	---	0 0178	0 016	0	0	0	0	0	0	---	---	24
25	---	---	0 0948	0 024	0	0	0	0	0	0	---	---	25
26	---	---	0 0808	0 018	0	0	0	0	0	0	---	---	26
27	---	---	0 0858	0 004	0	0	0	0	0	0	---	---	27
28	---	---	0 0328	0 013	0	0	0	0	0	0	---	---	28
29	---		0 0258	0 010	0	0	0	0	0	0	---	---	29
30	---		0 0218	0 022	0	0	0	0	0	0	---	---	30
31	---		0 1288		0		0	0		0		---	31
TOTAL	---	---	0 470	31 832	0 013	0 026	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 015	0 721	0	0 001	0	0	0	0	---	---	MEAN
MAX	---	---	0 126	3 49	0 004	0 025	0	0	0	0	---	---	MAX
MIN	---	---	0	0 004	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 090
MAXIMUM DAILY, 3 49 ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3 85 AT 05 56 CST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 11 N
LONG 104 14 50 W
DRAINAGE AREA, 273 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	40 6	SEP	0
APR	1 870	OCT	0
MAY	1 12	NOV	---
JUN	2 26	DEC	---

TOTAL DISCHARGE, 1 910 dam³

RADVILLE INDEX RESERVOIR - STATION NO 05NA005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	30 250E	30 388	30 228	30 123	29 885	29 616	29 655	29 610	---	---	1
2	---	---	30 280E	30 322A	30 225	30 116	29 886	29 607	29 650	29 602	---	---	2
3	---	---	30 310E	30 288A	30 232	30 106	29 879	29 797	29 644	29 603	---	---	3
4	---	---	30 340E	30 319	30 226	30 101	29 875	29 788	29 635	29 601	---	---	4
5	---	---	30 372A	30 327	30 224	30 094	29 867	29 789	29 632	29 593	---	---	5
6	---	29 872A	30 324	30 328	30 218	30 084	29 871	29 780	29 628	29 589	---	---	6
7	---	---	30 293	30 325	30 215	30 082	29 883	29 772	29 620	29 582	---	---	7
8	---	---	30 276	30 326	30 211	30 089	29 856	29 785	29 613	29 585	---	---	8
9	---	---	30 259	30 323	30 201	30 061	29 853	29 756	29 617	29 575	---	---	9
10	---	---	30 255	30 316	30 187	30 056	29 863	29 751	29 617A	29 575	---	---	10
11	---	---	30 253	30 312	30 188	30 052	29 863	29 745	29 610A	29 576	---	---	11
12	---	---	30 247	30 313	30 183	30 042	29 861	29 735	29 605	29 577	---	---	12
13	---	---	30 244	30 311	30 173	30 031	29 861A	29 728	29 604	29 574	---	---	13
14	---	---	30 248	30 311A	30 161	30 016	29 855A	29 724	29 599A	29 568	---	---	14
15	---	---	30 250	30 303E	30 159	30 007	29 848A	29 733	29 589A	29 565	---	---	15
16	---	---	30 251	30 298E	30 152	29 998	29 841A	29 729	29 608	29 572	---	---	16
17	---	---	30 252	30 294E	30 140	29 988	29 834A	29 725	29 615	29 572	---	---	17
18	---	---	30 253	30 289E	30 136	29 977	29 834	29 716	29 616	29 566	---	---	18
19	---	---	30 255	30 284E	30 140	29 986	29 841	29 717	29 611	29 563	---	---	19
20	---	---	30 257	30 279E	30 133	29 962	29 836	29 715	29 611A	29 569	---	---	20
21	---	---	30 265	30 273E	30 123	29 955	29 830	29 709	29 613	29 581	---	---	21
22	---	---	30 288	30 267E	30 117	29 947	29 828	29 701	29 611	29 558	---	---	22
23	---	---	30 320	30 262E	30 116	29 947	29 827	29 695	29 600	29 559	---	---	23
24	---	---	30 333	30 258E	30 113	29 937	29 821	29 689	29 581	29 554	---	---	24
25	---	---	30 321	30 253E	30 108	29 927	29 815	29 687	29 587	29 560	---	---	25
26	---	---	30 385	30 248E	30 106	29 918	29 806	29 682	29 584	29 564	---	---	26
27	---	---	30 371	30 244E	30 121	29 911	29 800	29 681	29 580	29 560A	---	---	27
28	---	30 250E	30 308	30 239E	30 138	29 903	29 792	29 678	29 621	29 558E	---	---	28
29	---		30 284	30 237A	30 137	29 902	29 804	29 688	29 617	29 557E	---	---	29
30	---		30 306	30 237	30 131	29 896	29 821	29 686	29 612	29 556E	---	---	30
31	---		30 398		30 124		29 822	29 680		29 555E		---	31
MEAN	---	---	30 291	30 282	30 164	30 005	29 844	29 725	29 614	29 573	---	---	MEAN
MAX	---	---	30 385	30 366	30 232	30 123	29 885	29 816	29 655	29 610	---	---	MAX
MIN	---	---	30 244	30 237	30 105	29 896	29 792	29 680	29 584	29 554	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 30 398 ON MAR 31

MAXIMUM INSTANTANEOUS,
30 455 AT 23 38 CST ON MAR 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 36 N
LONG 104 16 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

RANCH CREEK ABOVE RANCH LAKE - STATION NO 05MA025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8	0.8	0.015	0.348	0	0	0	0	---	---	1
2	---	---	0.8	0.8	0.012	0.231	0	0	0	0	---	---	2
3	---	---	0.8	0.8	0.012	0.154	0	0	0	0	---	---	3
4	---	---	0.8	4.15 B	0.011	0.114	0	0	0	0	---	---	4
5	---	---	0.8	5.28	0.010	0.075	0	0	0	0	---	---	5
6	---	---	0.8	3.51	0.009	0.043	0	0	0	0	---	---	6
7	---	---	0.8	2.32	0.008	0.018	0	0	0	0	---	---	7
8	---	---	0.8	1.51	0.007	0.012	0	0	0	0	---	---	8
9	---	---	0.8	1.02	0.007	0.011	0	0	0	0	---	---	9
10	---	---	0.8	0.815	0.008	0.010	0	0	0	0	---	---	10
11	---	---	0.8	0.624	0.005	0.009	0	0	0	0	---	---	11
12	---	---	0.8	0.431	0.003	0.009	0	0	0	0	---	---	12
13	---	---	0.8	0.277	0.002	0.008	0	0	0	0	---	---	13
14	---	---	0.8	0.186	0.001	0.008	0	0	0	0	---	---	14
15	---	---	0.8	0.132	0	0.007	0	0	0	0	---	---	15
16	---	---	0.8	0.105	0	0.008	0	0	0	0	---	---	16
17	---	---	0.8	0.088	0	0.005	0	0	0	0	---	---	17
18	---	---	0.8	0.138	0	0.003	0	0	0	0	---	---	18
19	---	---	0.8	0.141	0	0.002	0	0	0	0	---	---	19
20	---	---	0.8	0.130	0	0.001	0	0	0	0	---	---	20
21	---	---	0.8	0.102	0	0	0	0	0	0	---	---	21
22	---	---	0.8	0.085	0	0	0	0	0	0	---	---	22
23	---	---	0.8	0.037	0	0	0	0	0	0	---	---	23
24	---	---	0.8	0.028	0	0	0	0	0	0	---	---	24
25	---	---	0.8	0.025	0	0	0	0	0	0	---	---	25
26	---	---	0.8	0.016	0	0	0	0	0	0	---	---	26
27	---	---	0.8	0.014	0	0	0	0	0	0	---	---	27
28	---	---	0.8	0.012	0	0	0	0	0	0	---	---	28
29	---		0.8	0.034	0	0	0	0	0	0	---	---	29
30	---		0.8	0.028	0	0	0	0	0	0	---	---	30
31	---		0.8		0.408		0	0		0		---	31
TOTAL	---	---	0	31.029	0.518	1.070	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.701	0.017	0.038	0	0	0	0	---	---	MEAN
MAX	---	---	0	5.28	0.408	0.348	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.082
MAXIMUM DAILY, 5.28 ON APR 5
MINIMUM DAILY, 0.8 ON MAR 1
MAXIMUM INSTANTANEOUS,
8.05 AT 15 28 CST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 24 19 N
LONG 104 47 19 W
DRAINAGE AREA, 170 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 820	OCT	0
MAY	44.6	NOV	---
JUN	92.4	DEC	---

TOTAL DISCHARGE 1 950 dam³

RANCH LAKE NEAR ST JAMES - STATION NO 05MA024

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	552.220	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	552.832	---	---	552.357	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 28 41 N
LONG 104 46 02 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

RED DEER RIVER NEAR ARCHERWILL - STATION NO. 05LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 8	0 8	0 287	0 022	0 003	0	0	0	---	---	1
2	---	---	0 8	0 8	0 312	0 009	0 001	0	0	0	---	---	2
3	---	---	0 8	0 8	0 314	0 007	0 241	0	0	0	---	---	3
4	---	---	0 8	0 0378	0 307	0 006	0 011	0	0	0	---	---	4
5	---	---	0 8	0 1888	0 215	0 005	0 003	0	0 475	0	---	---	5
6	---	---	0 8	0 3958	0 185	0 505	0 005	0	0 314	0	---	---	6
7	---	---	0 8	1 41	0 206	0 617	0 003	0	0 001	0	---	---	7
8	---	---	0 8	1 26	0 211	0 005	0 002	0	0	0	---	---	8
9	---	---	0 8	1 33	0 272	0 005	0 001	0	0	0	---	---	9
10	---	---	0 8	1 92	0 142	0 006	0	0	0	0	---	---	10
11	---	---	0 8	2 45	0 154	0 006	0 122	0	0	0	---	---	11
12	---	---	0 8	2 80	0 159	0 462	1 11	0	0	0	---	---	12
13	---	---	0 8	2 96	0 137	0 186	0 390	0	0	0	---	---	13
14	---	---	0 8	2 84	0 489	0 027	0 888	0	0	0	---	---	14
15	---	---	0 8	2 78	1 29	0 002	0 004	0	0	0	---	---	15
16	---	---	0 8	3 16	0 389	0 035	0 001	0	0	0	---	---	16
17	---	---	0 8	2 71	1 85	0 316	0 001	0	0	0	---	---	17
18	---	---	0 8	2 68	1 57	0 005	0	0	0	0	---	---	18
19	---	---	0 8	1 88	0 102	0 001	0 001	0	0	0	---	---	19
20	---	---	0 8	2 49	0 048	0 001	0 001	0	0	0	---	---	20
21	---	---	0 8	3 40	0 082	0 001	0	0	0	0A	---	---	21
22	---	---	0 8	2 18	0 084	0 001	0	0	0	0E	---	---	22
23	---	---	0 8	2 37	0 044	0 001	0 001	0	0	0E	---	---	23
24	---	---	0 8	1 81	0 027	0	0 013	0	0	0E	---	---	24
25	---	---	0 8	0 542	0 024	0	0 028	0	0	0E	---	---	25
26	---	---	0 8	0 407	0 017	0	0 004	0	0	0E	---	---	26
27	---	---	0 8	0 382	0 015	0	0 056	0	0	0E	---	---	27
28	---	---	0 8	0 858	0 011	0 001	0 004	0	0	0A	---	---	28
29	---		0 8	0 347	0 011	0 001	0 002	0	0	0E	---	---	29
30	---		0 8	0 336	0 080	0 001	0	0	0	0E	---	---	30
31	---		0 8		0 048		0			0E		---	31
TOTAL	---	---	0	45 591	8 880	2 218	2 988	0	0 790	0	---	---	TOTAL
MEAN	---	---	0	1 52	0 286	0 074	0 097	0	0 026	0	---	---	MEAN
MAX	---	---	0	3 40	1 85	0 617	1 11	0	0 475	0	---	---	MAX
MIN	---	---	0	0	0 011	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 247
MAXIMUM DAILY, 3 40 ON APR 21
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
5 23 AT 12 23 CST ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 26 06 N
LONG 103 41 49 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	259
FEB	---	AUG	0
MAR	0	SEP	68 3
APR	3 940	OCT	0
MAY	787	NOV	---
JUN	191	DEC	---

TOTAL DISCHARGE, 5 230 dam³

RED DEER RIVER NEAR ERWOOD - STATION NO. 05LC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 12 B	1 31 B	1 10 B	1 288	22 1	5 10	3 08A	3 19	2 35	0 884	5 58	1 27 B	1
2	1 16 B	1 28 B	1 10 B	1 388	20 9	5 58	3 08	2 74	2 38	0 850	5 62	1 14 B	2
3	1 31 B	1 17 B	1 06 B	1 748	19 5	7 54	4 76	2 32	2 47	0 853	5 45	1 23 B	3
4	1 37 B	1 07 B	1 03 B	3 728	17 8	11 0	7 29	2 20	2 84	0 810	5 49	1 25 B	4
5	1 28 B	1 04 B	1 01 B	19 4 B	17 3	14 2	8 10	2 09	2 72	1 08	4 61B	1 20 B	5
6	1 23 B	1 03 B	1 03 B	36 6 B	16 0	15 8	8 08	2 06	2 74	0 939	4 45B	1 18 B	6
7	1 16 B	1 01 B	1 02 B	78 0 B	15 2	15 7	8 65	2 12	2 46	1 50	4 49B	1 16 B	7
8	1 12 B	0 9848	0 9868	133 B	14 2	14 8	8 90	1 81	2 40	2 96	5 27P	1 08 B	8
9	1 12 B	1 03 B	0 9378	91 8	12 5	14 2	9 92	1 68	2 35	3 38	5 02B	0 9858	9
10	1 12 B	1 04 B	0 7898	60 7	11 5	13 5	10 4	1 86	2 12	3 89	4 34B	1 01 B	10
11	1 15 B	1 04 B	0 7448	46 6	10 7	12 9	10 2	1 73	2 18	3 78	3 81B	1 07 B	11
12	1 15 B	1 01 B	0 6888	45 5	10 3	11 6	9 20	1 82	2 21	3 68	3 22B	1 05 B	12
13	1 15 B	1 00 B	0 6808	44 7	9 51	10 5	8 27	1 72	2 14	3 56	3 09B	1 06 B	13
14	1 08 B	0 9718	0 7308	45 1	9 19	9 99	7 61	1 63	2 02	4 23	2 83B	1 05 B	14
15	0 9778	1 01 B	0 6438	47 2	8 42	7 82	6 83	1 75	1 90	4 52	2 88B	1 01 B	15
16	0 8488	1 01 B	0 9918	44 5	8 02	6 90	6 24A	1 81	1 86	5 01	2 59B	0 9848	16
17	0 8258	1 05 B	1 14 B	45 8	7 57	6 51	5 50A	2 12	1 81	4 89	1 87B	0 9838	17
18	0 8508	1 19 B	1 37 B	44 5	7 29	5 88	6 83	2 79	1 55	5 07	1 78B	1 01 B	18
19	0 9318	1 21 B	1 71 B	43 9	7 18	5 28	10 3	3 31	1 56	5 52	2 38B	1 02 B	19
20	0 9378	1 14 B	2 43 B	42 7	7 11	4 80	10 8	3 51	1 49	5 31	2 24B	1 00 B	20
21	0 8688	1 16 B	3 14 B	41 1	6 47	4 84	9 40	3 38	1 33	5 20	1 81B	0 9708	21
22	1 00 B	1 13 B	2 83 B	38 4	6 24	4 24	8 35	3 13	1 22	5 21	1 50B	0 9758	22
23	1 02 B	1 13 B	2 31 B	36 6	6 50	3 92	8 01	3 40	1 13	4 92	1 41B	0 9128	23
24	1 04 B	1 16 B	2 17 B	34 6	6 07	3 91	7 81	3 61	1 08	4 86	1 48B	0 8878	24
25	1 08 B	1 13 B	2 06 B	33 3	5 40	4 21	7 16	3 74	1 05	4 48	1 48B	0 8618	25
26	1 19 B	1 10 B	1 74 B	31 1	4 88	3 72	6 33	3 89	1 05	5 80	1 41B	0 9128	26
27	1 29 B	1 09 B	1 69 B	30 0	4 59	3 65	5 72	3 46	1 03	5 26	1 42B	0 9448	27
28	1 33 B	1 10 B	1 53 B	29 9	4 56	3 57	5 08	3 14	0 982	5 47	1 46B	0 9428	28
29	1 34 B		1 44 B	28 6	4 74	3 29	4 50	2 87	0 934	5 30	1 46B	0 9268	29
30	1 40 B		1 38 B	24 8	4 61	2 89	4 01	2 65	0 938	5 88	1 44B	0 8878	30
31	1 39 B		1 45 B		4 47		3 50	2 38		5 80		0 8298	31
TOTAL	34 984	30 615	43 151	1 202 82	310 70	236 66	223 83	79 59	54 114	121 446	93 03	31 789	TOTAL
MEAN	1 13	1 09	1 39	40 1	10 0	7 89	7 22	2 57	1 80	3 92	3 10	1 02	MEAN
MAX	1 40	1 31	3 14	133	22 1	15 8	10 8	3 74	2 74	5 98	6 27	1 27	MAX
MIN	0 826	0 871	0 888	1 28	4 47	2 89	3 09	1 83	0 934	0 850	1 41	0 829	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 75
MAXIMUM DAILY, 1338 ON APR 8
MINIMUM DAILY, 0 8868 ON MAR 12
MAXIMUM INSTANTANEOUS,
203 AT 04 19 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 36 N
LONG 102 11 38 W
DRAINAGE AREA, 11 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 020	JUL	19 300
FEB	2 650	AUG	6 880
MAR	3 730	SEP	4 880
APR	104 000	OCT	10 500
MAY	26 800	NOV	5 040
JUN	20 400	DEC	2 740

TOTAL DISCHARGE, 213 000 dam³

RED DEER RIVER NEAR STEEN - STATION NO 05LB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0758	0.1788	3.18	0.506	0.058	0.048	0.015	0.008	---	---	1
2	---	---	0.0758	0.2568	2.95	0.381A	0.083	0.035	0.023	0.010	---	---	2
3	---	---	0.0758	0.8028	2.73	0.320E	0.084	0.026	0.017	0.010	---	---	3
4	---	---	0.0788	1.03 B	2.84	0.280E	0.131	0.017	0.013	0.029	---	---	4
5	---	---	0.0218	3.03 B	2.42	0.210E	0.145	0.013	0.013	0.048	---	---	5
6	---	---	0.0848	5.28 B	2.30	0.180E	0.158	0.007	0.020	0.042	---	---	6
7	---	---	0.1488	5.80 B	2.12	0.180E	0.163	0.005	0.025	0.049	---	---	7
8	---	---	0.1548	5.32 B	1.80	0.150E	0.170	0.003	0.028	0.120	---	---	8
9	---	---	0.0348	5.71 B	1.68	0.784E	0.230	0.001	0.104	0.138	---	---	9
10	---	---	0.1178	5.05 B	1.55	0.620E	0.281	0.007	0.045	0.132	---	---	10
11	---	---	0.1328	5.02 B	1.58	0.480E	0.217	0.013	0.034	0.132	---	---	11
12	---	---	0.0598	5.86 B	1.51	0.380E	0.178	0.013	0.027	0.128	---	---	12
13	---	---	0.1428	5.46 B	1.42	0.340E	0.145	0.008	0.023	0.118	---	---	13
14	---	---	0.1458	7.99	1.38	0.480E	0.124	0.008	0.020	0.089	---	---	14
15	---	---	0.1368	7.84	1.28	0.260E	0.180	0.015	0.022	0.121	---	---	15
16	---	---	0.1728	7.58	1.84	0.120E	0.885	0.018	0.024	0.159	---	---	16
17	---	---	0.1508	7.72	1.63	0.080E	0.563	0.018	0.014	0.128	---	---	17
18	---	---	0.1888	7.30	1.88	0.074A	0.418	0.014	0.017	0.184	---	---	18
19	---	---	0.2128	6.83	2.18	0.058	0.329	0.013	0.018	0.172	---	---	19
20	---	---	0.2018	7.01	1.72	0.042	0.280	0.019	0.014	0.157	---	---	20
21	---	---	0.2438	7.40	1.17	0.037	0.241	0.048	0.021	0.143	---	---	21
22	---	---	0.2068	7.80	1.00	0.037	0.238	0.045	0.028	0.138	---	---	22
23	---	---	0.1808	7.52	0.887	0.038	0.222	0.037	0.024	0.119	---	---	23
24	---	---	0.1958	7.28	0.802	0.034	0.188	0.027	0.027	0.115	---	---	24
25	---	---	0.1798	6.73	0.573	0.021	0.162	0.027	0.023	0.108	---	---	25
26	---	---	0.1688	5.47	0.512	0.018	0.145	0.025	0.019	0.113	---	---	26
27	---	---	0.0698	5.16	0.512	0.018	0.127	0.027	0.020	0.112	---	---	27
28	---	---	0.0188	4.28	0.494	0.012	0.159	0.025	0.018	0.131A	---	---	28
29	---		0.0618	3.95	0.487	0.004	0.068	0.017	0.014	0.130E	---	---	29
30	---		0.1358	3.82	0.484	0.005	0.073	0.012	0.009	0.129E	---	---	30
31	---		0.2238		0.482		0.064	0.013		0.128E		---	31
TOTAL	---	---	4.102	173.987	46.813	6.077	8.238	0.598	0.713	3.335	---	---	TOTAL
MEAN	---	---	0.132	5.60	1.51	0.203	0.201	0.019	0.024	0.108	---	---	MEAN
MAX	---	---	0.243	8.86	3.18	0.784	0.885	0.048	0.104	0.184	---	---	MAX
MIN	---	---	0.018	0.178	0.482	0.004	0.059	0.001	0.009	0.008	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.987
MAXIMUM DAILY 6.888 ON APR 12
MINIMUM DAILY 0.001 ON AUG 9
MAXIMUM INSTANTANEOUS
10.18 AT 10 18 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 38 16 N
LONG 103 30 56 W
DRAINAGE AREA 3 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	539
FEB	---	AUG	51.7
MAR	354	SEP	61.8
APR	15 000	OCT	288
MAY	4 040	NOV	---
JUN	525	DEC	---

TOTAL DISCHARGE 20 900 dam³

REDBERRY LAKE NEAR KRYDOR - STATION NO 05CD003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	504.507	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	504.190	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	504.452	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 41 49 N
LONG 107 06 23 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REID LAKE NEAR DUNCAIRN - STATION NO 05HB033

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	805.201A	805.390	805.939	806.638	807.087	806.210	805.721	805.147	805.131	804.992	804.901	804.890	1
2	805.199	805.391	805.945	806.588A	807.085	806.170	805.691	805.145	805.131	804.981	804.901	804.891	2
3	805.199	805.392	805.952	806.738	807.084	806.139	805.658	805.148	805.127	804.951	804.902	804.892	3
4	805.201	805.392	805.958	806.790	807.082	806.109	805.633	805.158	805.103	804.918	804.900	804.894	4
5	805.197	805.395	806.008	806.832	807.060	806.078	805.588	805.164	805.102	804.988	804.900	804.898	5
6	805.196	805.398	806.048	806.858	807.040	806.057	805.559	805.162	805.098	804.983	804.901	804.899	6
7	805.195	805.406	806.084	806.868	807.026	806.038	805.524	805.162	805.091	804.958	804.897	804.901	7
8	805.192	805.427	806.124A	806.918	807.002	806.029	805.491	805.154	805.084	804.940	804.897	804.899	8
9	805.190	805.463	806.156	806.940A	806.978	806.018	805.447	805.155	805.080	804.932	804.903	804.900	9
10	805.190	805.502	806.188	806.955A	806.934	806.017	805.394	805.153	805.072	804.937	804.906	804.903	10
11	805.201	805.549	806.207	806.987A	806.910	806.005	805.361	805.145	805.071	804.931	804.906	804.902	11
12	805.273	805.592	806.232	806.997	806.888	806.004	805.323	805.135	805.072	804.933	804.904	804.900	12
13	805.333	805.638	806.248	807.014	806.837	805.990	805.289	805.122	805.072	804.925	804.902	804.902	13
14	805.358A	805.683	806.265	807.032	806.808	805.978	805.255	805.115	805.062	804.917	804.908	804.903	14
15	805.370A	805.728	806.278	807.042	806.773	805.972	805.213	805.130	805.059	804.908	804.903	804.901	15
16	805.374A	805.784	806.292	807.045	806.723	805.980	805.186	805.142	805.052	804.912	804.894	804.901	16
17	805.377	805.793	806.314	807.041	806.681	805.940	805.127	805.149	805.045	804.906	804.900	804.903	17
18	805.382A	805.818	806.336	807.038	806.657	805.928	805.091	805.148	805.042	804.903	804.900	804.903	18
19	805.384A	805.840	806.383	807.041	806.623	805.917	805.062	805.146	805.040	804.893	804.898	804.902A	19
20	805.388	805.858	806.387A	807.053	806.570	805.901	805.028	805.148	805.040	804.894	804.903	804.899E	20
21	805.387	805.873	806.404A	807.083	806.537	805.895	805.016	805.137	805.038	804.893	804.903	804.899E	21
22	805.381	805.883	806.423A	807.054	806.513	805.878	805.008	805.132	805.035	804.888	804.896	804.898E	22
23	805.388	805.894	806.434A	807.084	806.480	805.881	805.016	805.128	805.031	804.888	804.901	804.897E	23
24	805.388	805.902	806.447A	807.067	806.447	805.839	805.012	805.126	805.023	804.894	804.903	804.896E	24
25	805.391	805.912	806.482A	807.074	806.414	805.824	805.003	805.131	805.021	804.888	804.894	804.898E	25
26	805.391	805.922A	806.473	807.075	806.383	805.814	804.999	805.135	805.021	804.899	804.891	804.895E	26
27	805.394	805.929A	806.494E	807.085	806.355	805.803	804.995	805.138	805.005	804.895	804.891	804.895E	27
28	805.390	805.937	806.523A	807.085	806.334	805.781	804.983	805.136	805.003	804.896	804.890	804.894E	28
29	805.392		806.554A	807.080	806.309	805.783	804.987	805.126	805.001	804.899	804.891	804.893E	29
30	805.392		806.584	807.084	806.278	805.784	805.035	805.127	805.001	804.901	804.891	804.892E	30
31	805.390		806.610		806.240		805.112	805.131		804.901		804.891E	31
MEAN	805.313	805.657	806.282	806.976	806.714	805.957	805.252	805.141	805.058	804.923	804.899	804.898	MEAN
MAX	805.394	805.937	806.610	807.090	807.087	806.210	805.721	805.184	805.131	804.992	804.906	804.903	MAX
MIN	805.190	805.390	805.939	806.638	806.240	805.754	804.983	805.115	805.001	804.886	804.890	804.890	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 805.588
MAXIMUM DAILY, 807.090 ON APR 29
MINIMUM DAILY, 804.886 ON OCT 23
MAXIMUM INSTANTANEOUS,
807.118 AT 13 42 CST ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 04 25 N
LONG 108 02 47 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1965

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - MAXIMUM INSTANTANEOUS WATER LEVEL WAS THE RESULT OF WIND SET-UP

REINDEER RIVER ABOVE DEVIL RAPIDS - STATION NO. 06DD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	429	500	486	486	288	185	260	286	383	379	534	551	1
2	430	498	487	484	300	189	259	292	381	396	534	555	2
3	430	496	488	484	301	187	259	287	381	406	530	556	3
4	433	498	488	482	299	188	259	283	383	414	531	557	4
5	431	499	488	483	300	189	259	283	381	418	529	555	5
6	429	501	487	484	298	190	258	283	379	417	526	553	6
7	433	502	484	489	298	189	258	287	380	414	526	552	7
8	447	499	480	473	292	190	258	300	385	416	524	553	8
9	451	500	480	472	283	189	259	305	384	413	519	550	9
10	452	500	484	473	286	232	260	303	383	410	519	553	10
11	454	500	481	473	250	249	258	307	382	410	527	551	11
12	456	497	478	473	248	251	259	308	381	410	530	553	12
13	459	498	479	471	247	254	259	310	379	411	525	549	13
14	453	495	478	472	231	253	258	333	378	409	522	550	14
15	452	497	481	473	191	255	257	342	380	417	505	552	15
16	452	497	481	475	174	256	257	347	378	432	509	551	16
17	451	496	481	478	185	258	260	348	378	433	541	554	17
18	449	497	482	480	182	258	258	352	377	440	551	554	18
19	449	498	481	481	158	258	258	350	376	445	558	555	19
20	456	498	480	481	151	260	258	350	376	448	565	552	20
21	481	497	479	484	148	281	258	351	373	484	572	551	21
22	484	496	478	489	149	280	258	351	374	458	564	556	22
23	486	494	473	489	148	259	256	348	373	507	565	551	23
24	489	491	470	385	148	259	258	350	374	513	563	552	24
25	491	490	488	333	148	259	258	355	373	522	560	553	25
26	493	489	489	317	147	258	258	371	372	525	550	554	26
27	495	489	488	309	152	258	273	378	372	530	555	550	27
28	495	490	488	305	168	259	281	378	371	529	564	548	28
29	489		485	300	175	259	283	382	369	535	564	552	29
30	489		484	301	180	259	285	385	369	536	562	571	30
31	500		480		184		285	381		539		575	31
TOTAL	14 308	13 902	14 816	13 029	6 631	7 084	8 117	10 281	11 328	13 972	16 204	17 168	TOTAL
MEAN	462	497	478	434	214	236	262	332	378	451	540	554	MEAN
MAX	500	502	488	489	301	281	285	385	385	539	572	575	MAX
MIN	429	489	480	300	147	186	256	283	369	379	505	548	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 402
MAXIMUM DAILY, 575 ON DEC 31
MINIMUM DAILY, 147 ON MAY 28
MAXIMUM INSTANTANEOUS,
584 AT 23 59 CST ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 11 35 N
LONG 103 09 31 W
DRAINAGE AREA, 63 300 km²

REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 240 000	JUL	701 000
FEB	1 200 000	AUG	888 000
MAR	1 280 000	SEP	979 000
APR	1 130 000	OCT	1 210 000
MAY	573 000	NOV	1 400 000
JUN	612 000	DEC	1 480 000

TOTAL DISCHARGE, 12 700 000 dam³

REMARKS -

REINDEER RIVER AT OUTLET OF REINDEER LAKE - STATION NO 06OB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	385	431	419	408	237	141	211	236	328	351	477	533	1
2	385	431	419	407	237	144	208	261	331	351	477	534	2
3	385	430	418	405	237	142	212	235	331	351	477	531	3
4	385	420	416	405	237	142	212	235	329	351	477	530	4
5	384	426	420	404	237	145	211	236	329	362	477	528	5
6	384	427	415	424	240	148	214	235	329	377	477	531	6
7	381	426	415	431	238	144	212	259	329	375	477	531	7
8	381	426	414	432	213	178	218	259	332	375	477	531	8
9	380	426	414	432	191	207	218	261	332	359	471	528	9
10	381	426	414	431	183	207	214	262	332	361	471	528	10
11	382	427	414	428	194	208	212	262	329	354	471	527	11
12	383	426	414	428	194	208	211	262	328	354	471	528	12
13	383	424	412	428	194	208	211	306	330	354	471	527	13
14	383	424	412	429	116	208	212	306	328	357	471	525	14
15	381	424	412	428	102	210	210	308	326	373	471	525	15
16	383	428	412	428	103	208	212	304	328	388	513	528	16
17	381	430	411	427	103	210	215	304	328	388	540	524	17
18	381	424	412	427	103	208	214	304	325	388	540	522	18
19	390	424	412	427	103	210	214	304	324	388	545	522	19
20	403	423	412	425	103	210	211	304	319	387	536	522	20
21	426	423	411	425	103	211	210	304	323	387	536	524	21
22	424	423	411	425	105	210	214	304	327	478	537	521	22
23	424	423	411	282	104	207	215	306	323	488	537	518	23
24	423	422	412	236	104	207	212	306	323	488	536	519	24
25	422	421	411	236	104	206	212	327	321	488	537	520	25
26	423	421	411	237	106	208	212	329	321	483	536	519	26
27	430	420	410	237	128	206	228	328	319	483	533	519	27
28	431	417	408	237	142	208	240	329	319	483	531	520	28
29	430		408	238	141	212	238	329	319	480	533	528	29
30	431		408	237	141	212	236	329	319	486	533	543	30
31	431		409		141		236	329		477		540	31
TOTAL	12 267	11 881	12 795	11 254	4 907	5 759	6 889	8 951	9 777	12 503	15 136	16 333	TOTAL
MEAN	396	425	413	375	158	192	216	289	326	403	505	527	MEAN
MAX	431	431	420	432	240	212	240	329	332	486	545	543	MAX
MIN	364	417	408	236	103	141	208	235	319	351	471	518	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 351
MAXIMUM DAILY, 545 ON NOV 19
MINIMUM DAILY, 103 ON MAY 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 14 00 N
LONG 103 09 00 W
DRAINAGE AREA, 60 500 km²

REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 080 000	JUL	579 000
FEB	1 030 000	AUG	773 000
MAR	1 110 000	SEP	845 000
APR	972 000	OCT	1 080 000
MAY	424 000	NOV	1 310 000
JUN	498 000	DEC	1 410 000

TOTAL DISCHARGE, 11 100 000 dam³

DATA CONTRIBUTED BY -
CHURCHILL RIVER POWER COMPANY

REMARKS - THESE DATA WILL NOT BE PUBLISHED AFTER 1987

RICHARDSON DITCH NEAR CONSUL - STATION NO 11AB058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0.092	0	0	0	0	0	---	---	18
19	---	---	0	0	0.973	0	0	0	0	0	---	---	19
20	---	---	0	0	1.35	0	0	0	0	0	---	---	20
21	---	---	0	0	1.48	0	0	0	0	0	---	---	21
22	---	---	0	0	1.44	0	0	0	0	0	---	---	22
23	---	---	0	0	1.17	0	0	0	0	0	---	---	23
24	---	---	0	0	1.15	0	0	0	0	0	---	---	24
25	---	---	0	0	1.10	0	0	0	0	0	---	---	25
26	---	---	0	0	1.09	0	0	0	0	0	---	---	26
27	---	0	0	0	1.08	0	0	0	0	0	---	---	27
28	---	0	0	0	0.900	0	0	0	0	0	---	---	28
29	---		0	0	0.484	0	0	0	0	0	---	---	29
30	---		0	0	0.164	0	0	0	0	0	---	---	30
31	---		0		0.030		0	0		0	---	---	31
TOTAL	---	---	0	0	12.473	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.402	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	1.48	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 051
MAXIMUM DAILY, 1 48 ON MAY 21
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 50 N
LONG 105 32 12 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 080	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 080 dam³

RIDGE CREEK NEAR BRIDGEFORD - STATION NO 05JG013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0238	1.73 B	0.018	0.007	0	0	0	0	---	---	1
2	---	---	0.0308	1.56 B	0.018	0.013	0.001	0	0	0	---	---	2
3	---	---	0.0408	1.73 B	0.020	0.010	0.001	0	0	0	---	---	3
4	---	---	1.00 B	1.26 B	0.017	0.009	0.001	0	0	0	---	---	4
5	---	---	2.28 B	0.8248	0.011	0.004	0	0	0	0	---	---	5
6	---	---	2.25 B	0.5888	0.011	0.003	0	0	0	0	---	---	6
7	---	---	1.24 B	0.4238	0.008	0.002	0	0	0	0	---	---	7
8	---	---	0.6098	0.2928	0.008	0.001	0	0	0	0	---	---	8
9	---	---	0.2508	0.217	0.005	0.001	0	0	0	0	---	---	9
10	---	---	0.1508	0.148	0.004	0.001	0	0	0	0	---	---	10
11	---	---	0.1008	0.111	0.004	0.001	0	0	0	0	---	---	11
12	---	---	0.0888	0.088	0.003	0.001	0	0	0	0	---	---	12
13	---	---	0.0508	0.070	0.002	0	0	0	0	0	---	---	13
14	---	---	0.0388	0.060	0.002	0	0	0	0	0	---	---	14
15	---	---	0.0308	0.039	0.002	0	0	0.001	0	0	---	---	15
16	---	---	0.0248	0.040	0.002	0	0	0	0	0	---	---	16
17	---	---	0.0188	0.043	0.002	0	0	0	0	0	---	---	17
18	---	---	0.0208	0.047	0.003	0	0	0	0	0	---	---	18
19	---	---	0.0628	0.045	0.005	0	0	0	0	0	---	---	19
20	---	---	0.1718	0.041	0.004	0	0	0	0	0	---	---	20
21	---	---	0.2898	0.038	0.005	0	0	0	0	0	---	---	21
22	---	---	0.2448	0.032	0.003	0	0	0	0	0	---	---	22
23	---	---	0.2628	0.028	0.006	0	0.010	0	0	0	---	---	23
24	---	0.0238	0.2568	0.033	0.003	0	0.004	0	0	0	---	---	24
25	---	---	0.3938	0.037	0.003	0	0.001	0	0	0	---	---	25
26	---	---	1.12 B	0.031	0.007	0	0.001	0	0	0	---	---	26
27	---	---	2.26 B	0.031	0.011	0	0	0	0	0	---	---	27
28	0.0068	---	1.96 B	0.029	0.018	0	0	0	0	0	---	---	28
29	---		1.17 B	0.024	0.015	0	0	0	0	0.003	---	---	29
30	---		0.8378	0.019	0.007	0	0	0	0	0.005E	---	---	30
31	---		1.85 B		0.005		0	0		0.005E		---	31
TOTAL	---	---	19.114	9.637	0.234	0.053	0.019	0.001	0	0.013	---	---	TOTAL
MEAN	---	---	0.617	0.321	0.008	0.002	0.001	0	0	0	---	---	MEAN
MAX	---	---	2.26	1.73	0.020	0.013	0.010	0.001	0	0.005	---	---	MAX
MIN	---	---	0.019	0.019	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.119
MAXIMUM DAILY, 2.288 ON MAR 5
MINIMUM DAILY, 0 ON JUN 13
MAXIMUM INSTANTANEOUS,
3.138 AT 17:37 CST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 05 N
LONG 105 19 46 W
DRAINAGE AREA, 480 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.54
FEB	---	AUG	0.09
MAR	1 650	SEP	0
APR	833	OCT	1.12
MAY	20.2	NOV	---
JUN	4.58	DEC	---

TOTAL DISCHARGE, 2 510 dam³

ROCK CREEK BELOW HORSE CREEK NEAR INTERNATIONAL BOUNDARY - STATION NO 11AE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.040E	0.028E	0.1988	9.34 B	0.085E	0.085E	0.008	2.48	0.024	0.018	0.051	0.040	1
2	0.040E	0.031E	0.1988	9.06 B	0.085E	0.071E	0.007	0.880	0.019	0.018	0.051	0.042	2
3	0.040E	0.031E	0.2558	7.08 B	0.071E	0.057E	0.005	0.425	0.019	0.018	0.051	0.045	3
4	0.040E	0.031E	1.98 B	4.50 E	0.071E	0.062E	0.004	0.263	0.019	0.020	0.051	0.045	4
5	0.040E	0.031E	14.2 B	3.03 E	0.085E	0.051E	0.004	0.193	0.019	0.018	0.051	0.048	5
6	0.037E	0.031E	19.6 B	2.29 E	0.099E	0.042E	0.004	0.142	0.018	0.015	0.054	0.054	6
7	0.034E	0.042E	25.5 B	1.81 E	0.113E	0.037E	0.003	0.108	0.016	0.014	0.058	0.057	7
8	0.034E	0.057B	12.7 B	1.19 E	0.089E	0.031E	0.002	0.082	0.016	0.013	0.059	0.059	8
9	0.034E	0.085B	5.66 B	0.963E	0.065E	0.028E	0.001	0.068	0.015	0.013	0.057	0.062	9
10	0.034E	0.283B	2.83 B	0.674E	0.071E	0.031E	0.002	0.051	0.018	0.016	0.054	0.059	10
11	0.037E	0.850B	1.70 B	0.863E	0.057E	0.028A	0.002	0.042	0.019	0.019	0.054	0.059	11
12	0.040E	1.13 B	1.13 B	0.765E	0.042E	0.022	0.001	0.031	0.017	0.021	0.057	0.062	12
13	0.040E	1.42 B	0.991B	0.566E	0.042E	0.019	0.001	0.028	0.017	0.025	0.062	0.057	13
14	0.037E	1.42 B	1.27 B	0.425E	0.042E	0.018	0.001	0.042	0.016	0.025	0.062	0.051	14
15	0.028E	0.991B	1.42 B	0.340E	0.042E	0.015	0.001	0.045	0.016	0.028	0.059	0.045	15
16	0.025E	0.708B	1.70 B	0.283E	0.042E	0.012	0	0.037	0.022	0.027	0.062	0.040	16
17	0.023E	0.850B	1.56 B	0.255E	0.042E	0.010	0.002	0.040	0.021	0.028	0.054	0.040	17
18	0.028E	0.708B	1.42 B	0.227E	0.042E	0.008	0.019	0.045	0.021	0.028	0.054	0.040	18
19	0.028E	0.783B	1.27 B	0.227E	0.042E	0.008	0.034	0.042	0.021	0.031	0.051	0.040	19
20	0.028E	0.708B	1.13 B	0.198E	0.042E	0.008	0.156	0.079	0.022	0.031	0.054	0.037	20
21	0.028E	0.708B	0.991B	0.170E	0.037E	0.008	0.159	0.110	0.022	0.031	0.057	0.037	21
22	0.028E	0.566B	0.906B	0.170E	0.031E	0.008	0.079	0.075	0.019	0.028	0.059	0.040	22
23	0.025E	0.453B	0.821B	0.170E	0.028E	0.008	0.062	0.054	0.019	0.034	0.059	0.031	23
24	0.025E	0.388B	0.736B	0.142E	0.028E	0.006	0.068	0.042	0.019	0.040	0.059	0.024	24
25	0.025E	0.340B	0.680B	0.127E	0.028E	0.005	0.061	0.037	0.018	0.040	0.059	0.025	25
26	0.028E	0.283B	1.42 B	0.113E	0.057E	0.005	0.040	0.037	0.019	0.037	0.059	0.024	26
27	0.028E	0.255B	6.23 B	0.099E	0.085E	0.006	0.028	0.034	0.019	0.040	0.054	0.021	27
28	0.028E	0.227B	5.66 B	0.085E	0.071E	0.009	0.024	0.031	0.019	0.051	0.051	0.018	28
29	0.028E		3.40 B	0.085E	0.057E	0.010	5.60	0.028	0.018	0.045	0.048	0.017	29
30	0.031E		2.55 B	0.085E	0.057E	0.009	5.13	0.028	0.018	0.051	0.045	0.018	30
31	0.028E		3.68 B		0.071E		2.15	0.028		0.051		0.008	31
TOTAL	0.989	13.428	123.986	45.436	1.849	0.717	14.648	5.508	0.583	0.870	1.657	1.243	TOTAL
MEAN	0.032	0.480	4.00	1.51	0.060	0.024	0.473	0.181	0.019	0.028	0.055	0.040	MEAN
MAX	0.040	1.42	25.5	9.34	0.113	0.085	5.60	2.48	0.024	0.051	0.062	0.062	MAX
MIN	0.023	0.028	0.198	0.085	0.028	0.005	0	0.028	0.015	0.013	0.045	0.008	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.578
MAXIMUM DAILY, 25.5B ON MAR 7
MINIMUM DAILY, 0 ON JUL 16
MAXIMUM INSTANTANEOUS,
31.1B AT 08:45 CST ON MAR 7

DATA CONTRIBUTED BY -
UNITED STATES GEOLOGICAL SURVEY

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 10 N
LONG 105 50 20 W
DRAINAGE AREA, 839 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85.4	JUL	1 270
FEB	1 160	AUG	485
MAR	10 700	SEP	48.6
APR	3 930	OCT	75.2
MAY	160	NOV	143
JUN	61.8	DEC	107

TOTAL DISCHARGE, 18 200 dam³

ROMANCE CREEK NEAR WATSON - STATION NO. 05MA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.4788	0.009	0	0	0	0	0	---	---	1
2	---	---	0 B	0.7908	0.007	0	0	0	0	0	---	---	2
3	---	---	0 B	1.62 B	0.006	0	0	0	0	0	---	---	3
4	---	---	0 B	2.84 B	0.007	0	0	0	0	0	---	---	4
5	---	---	0 B	3.85	0.008	0	0	0	0	0	---	---	5
6	---	---	0 B	3.92	0.005	0	0	0	0	0	---	---	6
7	---	---	0 B	3.92	0.003	0	0	0	0	0	---	---	7
8	---	---	0 B	3.53	0.002	0	0	0	0	0	---	---	8
9	---	---	0 B	3.05	0.001	0	0	0	0	0	---	---	9
10	---	---	0 B	2.85	0.001	0	0	0	0	0	---	---	10
11	---	---	0 B	1.27	0	0	0	0	0	0	---	---	11
12	---	---	0 B	1.32	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.932	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.636	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.418	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.283	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.198	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.154	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.120	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.101	0	0	0	0	0	0	---	---	20
21	---	---	0.0128	0.071	0	0	0	0	0	0	---	---	21
22	---	---	0.0848	0.048	0	0	0	0	0	0	---	---	22
23	---	---	0.0448	0.041	0	0	0	0	0	0	---	---	23
24	---	---	0.0318	0.035	0	0	0	0	0	0	---	---	24
25	---	---	0.0658	0.042	0	0	0	0	0	0	---	---	25
26	---	---	0.1078	0.044	0	0	0	0	0	0	---	---	26
27	---	---	0.0758	0.033	0	0	0	0	0	0	---	---	27
28	---	---	0.0068	0.023	0	0	0	0	0	0	---	---	28
29	---		0.0028	0.017	0	0	0	0	0	0	---	---	29
30	---		0.0188	0.012	0	0	0	0	0	0	---	---	30
31	---		0.1978		0		0	0		0		---	31
TOTAL	---	---	0.841	32.218	0.047	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.021	1.07	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.197	3.92	0.009	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.012	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.134
MAXIMUM DAILY 3.92 ON APR 6
MINIMUM DAILY 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS
4.13 AT 23 11 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 37 N
LONG 104 33 11 W
DRAINAGE AREA 508 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	55.4	SEP	0
APR	2 780	OCT	0
MAY	4.06	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 2 840 dam³

ROUGHBARK RESERVOIR NEAR WEYBURN - STATION NO. 05NB015

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	585.608E	---	585.612E	586.710A	587.092	587.014	586.822	586.762	586.423	586.108	---	586.020A	1
2	---	---	585.615E	586.841	587.094	587.005	586.812	586.755	586.395	586.100	---	---	2
3	---	---	585.618E	586.946	587.098	586.991	586.806	586.743	586.369	586.101	---	---	3
4	---	---	585.620A	587.040	587.058	586.968	586.806	586.736	586.336	586.098	---	---	4
5	---	585.609A	585.623	587.148	587.100	586.984	586.802	586.736	586.309	586.090	---	---	5
6	---	---	585.628	587.224	587.100	586.984	586.811	586.723	586.281	586.085	---	---	6
7	---	---	585.631	587.248	587.105	586.978	586.805	586.718	586.250	586.078	---	---	7
8	---	---	585.629	587.247	587.102	586.966	586.799	586.714	586.219	586.075	---	---	8
9	---	---	585.626	587.245	587.094	586.958	586.801	586.708	586.191	586.070	---	---	9
10	---	---	585.628	587.233	587.086	586.953	586.811	586.702	586.169	586.066	---	---	10
11	---	---	585.630	587.215	587.074	586.951	586.809	586.703	586.142	586.065	---	---	11
12	---	---	585.627	587.207	587.072	586.944	586.805	586.692	586.133	586.064	---	---	12
13	---	---	585.631	587.194	587.066	586.937	586.803	586.686	586.131	586.061	---	---	13
14	---	---	585.631	587.180	587.051	586.928	586.800	586.682	586.130	586.055	---	---	14
15	---	---	585.639	587.177	587.048	586.920	586.794	586.686	586.129	586.053	---	---	15
16	---	---	585.639	587.174	587.041	586.913	586.790	586.681	586.129	586.056	---	---	16
17	---	---	585.640	587.173	587.038	586.910	586.783	586.678	586.131	586.053	---	---	17
18	---	---	585.645	587.164	587.028	586.900	586.784	586.673	586.128	586.053	---	---	18
19	---	---	585.656A	587.186	587.028	586.895	586.791	586.669	586.126	586.048	---	---	19
20	---	---	585.672E	587.194	587.028	586.888	586.787	586.665	586.124	586.046	---	---	20
21	---	---	585.688E	587.146	587.014	586.888	586.780	586.642	586.120	586.044	---	---	21
22	---	---	585.706E	587.144	587.009	586.879	586.779	586.608	586.120	586.043	---	---	22
23	---	---	585.723E	587.132	587.005	586.875	586.777	586.580	586.116	586.042	---	---	23
24	---	---	585.740E	587.130	587.002	586.868	586.774	586.553	586.111	586.038	---	---	24
25	---	---	585.757E	587.128	587.005	586.858	586.770	586.527	586.108	586.040	---	---	25
26	---	---	585.780A	587.129	587.002A	586.846	586.763	586.500	586.102	586.043	---	---	26
27	---	---	585.822	587.122	587.009	586.841	586.762	586.473	586.105	586.040	---	---	27
28	---	585.610E	585.943	587.120	587.021	586.837	586.758	586.446	586.122	586.039A	---	---	28
29	---		586.182A	587.103	587.023	586.832	586.759	586.439	586.119	586.038E	---	585.997A	29
30	---		586.400	587.100	587.022	586.823	586.764	586.435	586.115	586.037E	586.020E	---	30
31	585.608E		586.575		587.019		586.764	586.430		586.036E		585.987E	31
MEAN	---	---	585.741	587.131	587.051	586.918	586.789	586.637	586.178	586.080	---	---	MEAN
MAX	---	---	586.575	587.248	587.105	587.014	586.822	586.762	586.423	586.108	---	---	MAX
MIN	---	---	585.612	586.710	587.002	586.823	586.758	586.430	586.102	586.036	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY 587.248 ON APR 7
MINIMUM DAILY 585.608E ON JAN 1
MAXIMUM INSTANTANEOUS
587.287 AT 18 18 CST ON APR 7

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 06 N
LONG 103 43 07 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

RUSSELL CREEK NEAR VANGUARD - STATION NO 05JB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.041B	0.030E	0.002E	---	---	---	---	---	---	1
2	---	0 B	0 B	0.040E	0.105	0.002A	---	---	---	---	---	---	2
3	---	0 B	0 B	0.036E	0.341	---	---	---	---	---	---	---	3
4	---	0 B	0 B	0.030E	0.262	---	---	---	---	---	---	---	4
5	---	0 B	0.005B	0.065E	0.184	---	---	---	---	---	---	---	5
6	---	0 B	0.015B	0.060E	0.183	---	---	---	---	---	---	---	6
7	---	0.001B	0.030B	0.021E	0.146	---	---	---	---	---	---	---	7
8	---	0.002B	0.040B	0.020E	0.138	---	---	---	---	---	---	---	8
9	---	0.003B	0.030B	0.019E	0.138	---	---	---	---	---	---	---	9
10	---	0.004B	0.025B	0.018E	0.140	---	---	---	---	---	---	---	10
11	---	0.003B	0.020B	0.017E	0.136	---	---	---	---	---	---	---	11
12	---	0.002B	0.015B	0.016E	0.128	---	---	---	---	---	---	---	12
13	---	0.001B	0.012B	0.015E	0.113	---	---	---	---	---	---	---	13
14	---	0 B	0.008B	0.014	0.102	---	---	---	---	---	---	---	14
15	---	0 B	0.008B	0.013E	0.092	---	---	---	---	---	---	---	15
16	---	0.002B	0.006B	0.012E	0.082	---	---	---	---	---	---	---	16
17	---	0.005B	0.005B	0.014E	0.070	---	---	---	---	---	---	---	17
18	---	0.006B	0.011B	0.016E	0.056	---	---	---	---	---	---	---	18
19	---	0.007B	0.020B	0.016E	0.047	---	---	---	---	---	---	---	19
20	---	0.008B	0.030B	0.020E	0.034	---	---	---	---	---	---	---	20
21	---	0.008B	0.042B	0.022E	0.023	---	---	---	---	---	---	---	21
22	---	0.004B	0.044B	0.025E	0.017	---	---	---	---	---	---	---	22
23	---	0.003B	0.043B	0.027E	0.012	---	---	---	---	---	---	---	23
24	---	0.001B	0.042B	0.028E	0.008	---	---	---	---	---	---	---	24
25	---	0 B	0.041B	0.027E	0.006	---	---	---	---	---	---	---	25
26	---	0 B	0.044B	0.027E	0.005E	---	---	---	---	---	---	---	26
27	---	0 B	0.046B	0.028E	0.005E	---	---	---	---	---	---	---	27
28	---	0 B	0.048B	0.028E	0.004E	---	---	---	---	---	---	---	28
29	---		0.048B	0.025E	0.003E	---	---	---	---	---	---	---	29
30	---		0.044B	0.027E	0.003E	---	---	---	---	---	---	---	30
31	---		0.042B		0.003E		---	---		---	---	---	31
TOTAL	---	0.057	0.787	0.784	2.595	---	---	---	---	---	---	---	TOTAL
MEAN	---	0.002	0.025	0.025	0.084	---	---	---	---	---	---	---	MEAN
MAX	---	0.008	0.048	0.065	0.341	---	---	---	---	---	---	---	MAX
MIN	---	0	0	0.012	0.002	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON MAR 1

REMARKS - STATION DISCONTINUED JUNE 2, 1987

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 15 N
LONG 107 22 15 W
DRAINAGE AREA, 313 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1961

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	4.82	AUG	---
MAR	66.3	SEP	---
APR	66.0	OCT	---
MAY	224	NOV	---
JUN	---	DEC	---

RUSSELL CREEK RESERVOIR - STATION NO. 05JB005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	788.033	788.184	788.104	788.941	787.789	787.214	787.323	786.788	---	---	1
2	---	---	788.042	788.186	788.108	788.932	787.784	787.202	787.224	786.778	---	---	2
3	---	---	788.050	788.172	788.106	788.927	787.755	787.190	787.214	786.719	---	---	3
4	---	---	788.083	788.160	788.108	788.905	787.737	787.184	787.203	786.661	---	---	4
5	---	---	788.189	788.134	788.103	788.878	787.715	787.182	787.203	786.607	---	---	5
6	---	---	788.531	788.130	788.108	788.852	787.694	787.173	787.199	786.559	---	---	6
7	---	---	788.704	788.126	788.106	788.818	787.674	787.170	787.193	786.513	---	---	7
8	---	---	788.761	788.120	788.105	788.787	787.658	787.164	787.191	786.462	---	---	8
9	---	787.335A	788.800	788.107	788.102	788.755	787.638	787.157	787.187	786.417	---	---	9
10	---	787.444	788.826	788.097	788.094	788.731	787.613	787.154	787.180	786.369	---	---	10
11	---	787.587	788.836	788.103	788.090	788.702	787.595	787.148	787.183	786.311	---	---	11
12	---	787.658	788.847	788.110	788.085	788.672	787.578	787.139	787.184	786.251	---	---	12
13	---	787.721	788.855	788.110	788.088	788.637	787.548	787.132	787.187	786.191	---	---	13
14	---	787.788	788.878	788.116	788.085	788.586	787.495	787.152	787.183	786.179	---	---	14
15	---	787.819	788.885	788.110	788.061	788.533	787.395	787.198	787.182	786.186	---	---	15
16	---	787.856	788.892	788.104	788.084	788.485	787.385	787.213	787.184	786.147	---	---	16
17	---	787.901	788.900	788.088	788.043	788.392	787.318	787.236	787.184	786.128	---	---	17
18	---	787.925	788.912	788.096	788.038	788.324	787.320	787.242	787.176	786.109	---	---	18
19	---	787.934	788.932	788.086	788.038	788.280	787.332	787.248	787.150	786.091	---	---	19
20	---	787.950	788.955	788.087	788.077	788.212	787.327	787.256	787.128	786.080	---	---	20
21	---	787.984	788.982	788.103	788.043	788.182	787.323	787.281	787.085	786.085	---	---	21
22	---	787.972	789.041	788.102	788.031	788.148	787.318	787.241	787.038	786.088	---	---	22
23	---	787.985	789.085	788.088	788.008	788.108	787.320	787.233	786.988	786.094	---	---	23
24	---	787.982	789.085	788.100	788.002	788.068	787.319	787.227	786.952	786.103	---	---	24
25	---	787.988A	789.101	788.105	788.075	788.030	787.318	787.227	786.913	786.113	---	---	25
26	---	788.012A	789.124	789.107	788.083	787.982	787.310	787.227	786.874	786.129	---	---	26
27	---	788.020A	789.229A	789.110	788.095	787.929	787.284	787.230	786.831	786.132	---	---	27
28	---	788.038A	789.273A	789.114	788.112	787.883	787.241	787.231	786.811	786.139	---	---	28
29	---		789.205	789.113	788.128	787.805	787.231	787.225	786.787	786.153A	---	---	29
30	---		789.179	789.109	788.134	787.781	787.224	787.233	786.783	786.160E	---	---	30
31	---		789.185		788.139		787.220	787.224		786.170E		---	31
MEAN	---	---	788.818	788.118	788.018	788.441	787.483	787.203	787.085	786.267	---	---	MEAN
MAX	---	---	789.273	789.186	789.104	788.941	787.789	787.256	787.224	786.788	---	---	MAX
MIN	---	---	788.033	788.086	788.075	787.781	787.220	787.132	786.783	786.080	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 789.273A ON MAR 28
MINIMUM DAILY, 786.080 ON OCT 20
MAXIMUM INSTANTANEOUS,
789.301 AT 22 47 CST ON MAR 29

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 59 N
LONG 107 30 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

SALINE CREEK NEAR NOKOMIS - STATION NO 05JJ009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 8	0 0108	0 033	0	0 001	0	0	0	---	---	1
2	---	---	0 8	0 0138	0 029	0	0	0	0	0	---	---	2
3	---	---	0 8	0 013	0 047	0	0	0	0	0	---	---	3
4	---	---	0 8	0 014	0 047	0	0	0	0	0	---	---	4
5	---	---	0 0198	0 016	0 056	0	0	0	0	0	---	---	5
6	---	---	0 0238	0 024	0 015	0	0	0	0	0	---	---	6
7	---	---	0 0968	0 069	0 008	0	0	0	0	0	---	---	7
8	---	---	0 0128	0 084	0 007	0	0	0	0	0	---	---	8
9	---	---	0 0068	0 143	0 006	0	0	0	0	0	---	---	9
10	---	---	0 0028	0 137	0 005	0	0 003	0	0	0	---	---	10
11	---	---	0 8	0 204	0 003	0	0 001	0	0	0	---	---	11
12	---	---	0 8	0 274	0 002	0	0	0	0	0	---	---	12
13	---	---	0 8	0 188	0 006	0	0	0	0	0	---	---	13
14	---	---	0 8	0 228	0 005	0	0	0	0	0	---	---	14
15	---	---	0 8	0 218	0 002	0	0	0	0	0	---	---	15
16	---	---	0 8	0 187	0 002	0	0	0	0	0	---	---	16
17	---	---	0 8	0 147	0 001	0	0	0	0	0	---	---	17
18	---	---	0 0018	0 107	0	0	0	0	0	0	---	---	18
19	---	---	0 0048	0 085	0	0	0	0	0	0	---	---	19
20	---	---	0 0178	0 070	0	0	0	0	0	0	---	---	20
21	---	---	0 0208	0 134	0	0	0	0	0	0	---	---	21
22	---	---	0 0288	0 151	0	0	0	0	0	0	---	---	22
23	---	---	0 0278	0 058	0	0	0 001	0	0	0	---	---	23
24	---	---	0 0188	0 078	0	0	0 001	0	0	0	---	---	24
25	---	---	0 0128	0 090	0	0	0	0	0	0	---	---	25
26	---	---	0 0118	0 091	0	0	0	0	0	0	---	---	26
27	---	---	0 0108	0 071	0 001	0	0	0	0	0	---	---	27
28	---	---	0 0048	0 113	0 004	0	0	0	0	0	---	---	28
29	---		0 0028	0 047	0 002	0	0	0	0	0	---	---	29
30	---		0 0038	0 071	0	0	0	0	0	0	---	---	30
31	---		0 0058		0		0	0		0		---	31
TOTAL	---	---	0 330	3 128	0 280	0	0 007	0	0	0	---	---	TOTAL
MEAN	---	---	0 010	0 104	0 009	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 096	0 274	0 056	0	0 003	0	0	0	---	---	MAX
MIN	---	---	0	0 010	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 015
MAXIMUM DAILY, 0 274 ON APR 12
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 324 AT 04 20 CST ON APR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 58 N
LONG 105 05 10 W
DRAINAGE AREA, 850 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 80
FEB	---	AUG	0
MAR	27 8	SEP	0
APR	270	OCT	0
MAY	24 2	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 322 dam³

SANDY CREEK NEAR CARON - STATION NO. 05JC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 8	0 332	0 001	0	0	0	0	0	---	---	1
2	---	---	0 8	0 432	0 001	0	0	0	0	0	---	---	2
3	---	---	0 8	0 373	0 001	0	0	0	0	0	---	---	3
4	---	---	0 8	0 232	0 001	0	0	0	0	0	---	---	4
5	---	---	0 8	0 158	0	0	0	0	0	0	---	---	5
6	---	---	0 0958	0 125	0	0	0	0	0	0	---	---	6
7	---	---	0 1638	0 102	0	0	0	0	0	0	---	---	7
8	---	---	0 1568	0 047	0	0	0	0	0	0	---	---	8
9	---	---	0 1298	0 085	0	0	0	0	0	0	---	---	9
10	---	---	0 1048	0 090	0	0	0	0	0	0	---	---	10
11	---	---	0 0888	0 058	0	0	0	0	0	0	---	---	11
12	---	---	0 0718	0 058	0	0	0	0	0	0	---	---	12
13	---	---	0 0568	0 058	0	0	0	0	0	0	---	---	13
14	---	---	0 0488	0 068	0	0	0	0	0	0	---	---	14
15	---	---	0 0388	0 056	0	0	0	0	0	0	---	---	15
16	---	---	0 0328	0 049	0	0	0	0	0	0	---	---	16
17	---	---	0 0288	0 046	0	0	0	0	0	0	---	---	17
18	---	---	0 0238	0 028	0	0	0	0	0	0	---	---	18
19	---	---	0 0218	0 023	0	0	0	0	0	0	---	---	19
20	---	---	0 0228	0 024	0	0	0	0	0	0	---	---	20
21	---	---	0 0208	0 026	0	0	0	0	0	0	---	---	21
22	---	---	0 0188	0 019	0	0	0	0	0	0	---	---	22
23	---	---	0 0138	0 016	0	0	0	0	0	0	---	---	23
24	---	---	0 0178	0 015	0	0	0	0	0	0	---	---	24
25	---	---	0 0558	0 014	0	0	0	0	0	0	---	---	25
26	---	---	0 0908	0 011	0	0	0	0	0	0	---	---	26
27	---	---	0 1008	0 011	0	0	0	0	0	0	---	---	27
28	---	---	0 114	0 006	0	0	0	0	0	0	---	---	28
29	---		0 148	0 004	0	0	0	0	0	0	---	---	29
30	---		0 177	0 003	0	0	0	0	0	0	---	---	30
31	---		0 253		0		0	0		0		---	31
TOTAL	---	---	2 094	2 584	0 004	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 068	0 085	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 253	0 432	0 001	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0 003	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 019
MAXIMUM DAILY, 0 432 ON APR 2
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 483 AT 14 25 CST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 09 N
LONG 106 01 45 W
DRAINAGE AREA, 878 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	181	SEP	0
APR	222	OCT	0
MAY	0 35	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 403 dam³

SASKATCHEWAN RIVER BELOW TOBIN LAKE - STATION NO. 05KD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	498	534	438	830	513	313	151	177	201	182	187	218	1
2	445	596	644	500	284	303	146	157	351	370	255	444	2
3	300	592	577	387	344	341	184	159	436	170	259	184	3
4	439	663	605	401	354	278	163	184	283	201	416	135	4
5	475	803	587	408	469	436	184	151	203	194	346	140	5
6	518	570	583	572	527	385	158	156	182	286	315	184	6
7	507	620	582	510	411	182	218	155	150	585	471	161	7
8	531	631	510	585	400	277	183	159	241	406	417	298	8
9	524	512	548	723	373	303	203	148	349	218	288	362	9
10	473	411	571	844	248	504	288	364	559	154	188	379	10
11	298	556	595	876	282	477	153	319	311	160	183	372	11
12	338	579	585	534	430	488	159	382	211	167	155	386	12
13	430	613	583	658	487	381	183	287	152	255	194	347	13
14	516	532	512	571	514	171	174	364	288	261	306	204	14
15	435	448	571	508	581	393	186	194	283	405	382	158	15
16	432	508	533	594	436	388	413	183	385	207	314	188	16
17	385	548	570	548	213	188	384	456	377	277	273	278	17
18	377	616	587	587	284	231	139	248	316	168	281	395	18
19	537	641	588	658	505	258	155	314	474	171	231	170	19
20	430	598	450	703	447	184	180	382	209	155	281	162	20
21	380	497	338	771	556	186	153	385	488	182	281	282	21
22	418	480	477	768	341	148	164	183	246	168	170	184	22
23	401	648	528	784	170	145	178	173	208	242	153	156	23
24	508	628	536	680	158	142	382	241	207	337	184	198	24
25	447	687	535	369	284	138	331	285	213	184	163	178	25
26	558	618	517	345	178	232	235	358	237	245	180	185	26
27	424	651	586	588	376	173	480	304	179	258	158	170	27
28	318	588	426	637	511	147	277	288	186	187	182	184	28
29	481		383	541	478	144	348	208	145	178	158	348	29
30	548		481	548	183	182	597	274	155	224	228	480	30
31	413		395		159		417	218		320		177	31
TOTAL	13 736	15 818	17 112	17 487	11 338	8 004	7 258	7 735	8 083	7 448	7 388	7 685	TOTAL
MEAN	443	565	552	582	366	267	234	250	270	240	246	247	MEAN
MAX	558	687	695	784	581	504	587	456	559	585	471	480	MAX
MIN	298	411	338	345	158	139	139	148	145	154	153	155	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 364
MAXIMUM DAILY, 784 ON APR 23
MINIMUM DAILY, 139 ON JUN 25
MAXIMUM INSTANTANEOUS,
1 230 AT 09:39 CST ON MAR 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 42 10 N
LONG 103 17 50 W
DRAINAGE AREA, 288 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 190 000	JUL	627 000
FEB	1 370 000	AUG	668 000
MAR	1 480 000	SEP	699 000
APR	1 510 000	OCT	643 000
MAY	980 000	NOV	638 000
JUN	692 000	DEC	662 000

TOTAL DISCHARGE, 11 200 000 dam³

SASKATCHEWAN RIVER OLD CHANNEL - STATION NO. 05KH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.0 B	29.38	26.08	23.1 B	24.6	1.60	0.785	9.33 A	1.27	0.310	4.13 A	0.0488	1
2	26.9 B	28.68	31.88	36.0 B	17.1	7.30	0.411	1.15	0.373	0.607	0.280	0.3048	2
3	9.848	47.38	36.78	8.288	4.24	6.31	0.235	0.327	7.85 A	7.00	1.57	3.76 B	3
4	7.418	48.18	45.08	4.068	5.03	7.26	0.177	0.176	14.0 A	0.773	2.24	2.79 B	4
5	15.7 B	54.48	46.28	6.838	9.11	7.43	0.171	0.171	3.08 A	1.36	6.67	0.5278	5
6	24.1 B	45.08	44.88	11.5 B	21.5	18.6	0.283	0.180	1.17	1.84 A	4.63	0.1248	6
7	31.3 B	36.38	40.28	17.7 B	16.3	15.1	0.876	0.088	0.352	13.2 A	3.80	0.0818	7
8	40.2 B	34.68	30.88	16.8 B	9.67	3.36	2.28 A	0.071	0.152	20.6 A	14.3	0.0448	8
9	54.7 B	31.28	37.48	30.6 B	7.80	5.81	0.521	0.036	1.81	8.81 A	6.65	3.28 B	9
10	40.8 B	30.48	45.48	39.1 B	5.72	7.71	2.88 A	0.124	11.5 A	1.98 A	1.62	3.62 B	10
11	36.3 B	27.18	59.78	32.7 B	2.78	25.3	4.46	14.0 A	20.8 A	0.437	0.140	2.93 B	11
12	21.4 B	36.48	50.68	30.1 B	4.05	16.0	0.433	3.84	4.87 A	0.262	0.092	4.69 B	12
13	28.8 B	37.08	58.18	28.6 B	31.6	21.3	0.246	4.84 A	1.83 A	0.480	0.157	3.47 B	13
14	38.6 B	46.98	30.68	24.8 B	20.0	11.8	0.246	2.72 A	0.348	2.96	0.036	1.97 B	14
15	38.8 B	24.48	29.69	21.2 B	28.3	7.05	0.183	11.7	3.51 A	2.12 A	5.57	0.4678	15
16	33.2 B	20.78	32.98	14.2 B	26.2	13.7	2.74	0.835	4.88 A	14.8 A	3.06 B	0.0418	16
17	34.4 B	35.58	52.28	18.5 B	12.5	12.1	9.76 A	1.93	8.76 A	1.82 A	5.96 B	0.0488	17
18	15.9 B	54.68	44.38	23.6 B	3.38	1.59	4.48 A	14.1 A	10.4 A	1.27	1.57 B	3.62 B	18
19	33.3 B	37.58	37.38	24.4 B	10.9	3.58	0.448	0.586	5.50 A	0.372	2.71 B	12.1 B	19
20	42.6 B	53.88	36.88	30.5 B	18.1	3.85	0.270	3.41 A	12.3 A	0.485	0.8988	2.34 B	20
21	19.7 B	40.28	15.38	46.8	26.4	1.18	0.389A	11.4 A	3.86 A	0.218	2.51 B	0.0448	21
22	18.5 B	19.88	11.68	51.2 A	11.5	1.38	0.172	6.88 A	14.4 A	0.730	3.15 B	2.98 B	23
23	30.1 B	27.48	24.78	52.3	3.42	1.48	0.138	0.424	1.57 A	0.762	0.6838	2.98 B	23
24	27.6 B	46.48	28.28	48.8	1.15	0.851	2.01 A	0.898	0.807	1.97 A	0.1888	0.6878	24
25	35.1 B	52.88	32.08	24.8	0.991	1.38	9.24 A	1.83	0.524	5.08 A	0.1848	2.08 B	25
26	32.4 B	46.08	30.28	7.13	3.78	0.678	5.03 A	2.69	0.810	0.817	0.2518	1.58 B	26
27	40.7 B	54.08	30.78	15.3	1.54	2.81	3.39	8.51 A	2.79 A	2.12 A	0.1888	0.8238	27
28	18.8 B	40.88	41.98	41.5	15.3	0.883	13.3 A	3.58	0.843A	2.71	0.0758	0.7048	28
29	19.8 B		27.98	28.5	30.6	0.378	8.14 A	3.91 A	0.420	0.854A	0.0818	0.4788	29
30	36.1 B		31.78	30.2	13.8	0.307	15.2 A	1.22	0.283	0.561A	0.0488	0.77 B	30
31	33.2 B		33.28		2.05		31.2 A	2.13 A		0.783A		14.2 B	31
TOTAL	920.05	1 057.3	1 066.3	775.40	388.171	208.908	117.886	110.087	141.382	97.281	72.518	81.898	TOTAL
MEAN	29.7	39.2	35.0	25.9	11.9	6.88	3.80	3.55	4.71	3.14	2.42	2.84	MEAN
MAX	54.7	54.0	59.7	52.3	28.3	25.3	31.2	14.1	20.8	20.6	14.3	14.2	MAX
MIN	7.41	19.8	11.6	4.06	0.991	0.307	0.138	0.036	0.152	0.218	0.036	0.041	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.9
MAXIMUM DAILY, 54.08 ON FEB 27
MINIMUM DAILY, 0.036 ON AUG 9
MAXIMUM INSTANTANEOUS,
93.28 AT 01:58 CST ON FEB 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 50 N
LONG 102 58 20 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	79 500	JUL	10 200
FEB	84 400	AUG	5 510
MAR	93 900	SEP	12 200
APR	67 300	OCT	6 410
MAY	31 800	NOV	5 270
JUN	17 800	DEC	7 080

TOTAL DISCHARGE, 439 000 dam³

SASKATOON S E PROJECT EAST MAIN CANAL BELOW BRODERICK RESERVOIR - STATION NO 05HG019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	3.14E	4.08E	1.51 E	1.00	0.082	---	---	1
2	---	---	0	0	0	3.14E	4.03E	1.63 E	1.01	0.048	---	---	2
3	---	---	0	0	0	3.14E	4.18E	1.88 E	1.01	0.006	---	---	3
4	---	---	0	0	1.43 E	3.14E	4.26E	1.86 E	1.01	0.020	---	---	4
5	---	---	0	0	0.671E	3.14E	4.23E	1.83 A	1.01	0.011	---	---	5
6	---	---	0	0	1.14 E	3.14E	4.23E	1.88	1.01	0.006	---	---	6
7	---	---	0	0	3.28 E	3.14E	4.10A	1.88	1.01	0	---	---	7
8	---	---	0	0	2.86 E	3.14E	4.06E	1.87	1.01	0	---	---	8
9	---	---	0	0	2.86 E	3.14E	4.17E	1.83	1.02	0	---	---	9
10	---	---	0	0	2.86 E	3.47E	3.80E	1.74	1.01	0	---	---	10
11	---	---	0	0	2.86 E	3.71E	3.31E	1.75	1.01	0	---	---	11
12	---	---	0	0	2.86 E	3.71E	3.30E	1.77	1.01	0	---	---	12
13	---	---	0	0	2.86 E	3.71E	3.28E	1.75	1.00	0	---	---	13
14	---	---	0	0	2.86 E	3.71E	3.04E	1.28	1.00	0	---	---	14
15	---	---	0	0	2.86 E	3.71E	2.87E	0.886	1.00	0	---	---	15
16	---	---	0	0	2.86 E	3.71E	3.01E	0.892	1.00	0	---	---	16
17	---	---	0	0	2.86 E	3.63E	3.07E	0.890	1.01	0	---	---	17
18	---	---	0	0	2.86 E	3.63E	2.97E	0.878	1.01	0	---	---	18
19	---	---	0	0	2.86 E	4.08E	2.97E	0.878	1.01	0	---	---	19
20	---	---	0	0	2.86 E	4.28E	2.73E	0.876	1.01	0	---	---	20
21	---	---	0	0	2.86 E	4.18E	2.23E	0.868	1.01	0	---	---	21
22	---	---	0	0	2.86 E	4.21E	2.30E	0.873	1.01	0	---	---	22
23	---	---	0	0	3.61 E	4.27E	2.31E	0.875	1.02	0	---	---	23
24	---	---	0	0	2.78 E	4.18E	1.91E	0.877	1.02	0	---	---	24
25	---	---	0	0	2.78 E	4.21E	1.57E	0.882	1.03	0	---	---	25
26	---	---	0	0	2.83 E	4.27E	1.57E	0.881	1.03	0	---	---	26
27	---	---	0	0	2.86 E	4.28E	1.74E	0.883	1.04	0	---	---	27
28	---	---	0	0	3.03 A	4.37E	1.67E	0.888	1.85	0	---	---	28
29	---		0	0	3.20 E	4.47E	1.51E	0.891	2.47	0	---	---	29
30	---		0	0	3.33 E	4.28E	1.50E	1.00	1.58	0	---	---	30
31	---		0		3.28 E		1.57E	0.996		0	---	---	31
TOTAL	---	---	0	0	75.301	112.35	91.35	40.252	33.32	0.173	---	---	TOTAL
MEAN	---	---	0	0	3.43	3.75	2.95	1.30	1.11	0.006	---	---	MEAN
MAX	---	---	0	0	3.28	4.47	4.26	1.88	2.47	0.082	---	---	MAX
MIN	---	---	0	0	0	3.14	1.50	0.886	1.00	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.46
MAXIMUM DAILY, 4.47E ON JUN 28
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 01 N
LONG 108 50 53 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 890
FEB	---	AUG	3 480
MAR	0	SEP	2 880
APR	0	OCT	14 3
MAY	6 500	NOV	---
JUN	9 710	DEC	---

TOTAL DISCHARGE 30 500 dam³

REMARKS - DATA QUALITY VERY POOR FOR 1987

SHAND CREEK NEAR DILLABOUGH - STATION NO 05LB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0	0 B	0.056	0	0	0	0	0	---	---	1
2	---	---	0.0	0 B	0.047	0	0	0	0	0	---	---	2
3	---	---	0.0	0 B	0.059	0	0	0	0	0	---	---	3
4	---	---	0.0	0.0048	0.057	0.001	0	0	0	0	---	---	4
5	---	---	0.0	11.0 B	0.047	0.021	0	0	0	0	---	---	5
6	---	---	0.0	30.8	0.020	0.035	0	0	0	0	---	---	6
7	---	---	0.0	30.4	0.048	0.031	0	0	0	0	---	---	7
8	---	---	0.0	17.5	0.056	0.027	0	0	0	0	---	---	8
9	---	---	0.0	6.72	0.012	0.020	0	0	0	0	---	---	9
10	---	---	0.0	2.97	0	0.012	0	0	0	0	---	---	10
11	---	---	0.0	1.77	0	0.009	0	0	0	0	---	---	11
12	---	---	0.0	1.61	0	0.005	0	0	0	0	---	---	12
13	---	---	0.0	1.48	0	0.002	0	0	0	0	---	---	13
14	---	---	0.0	1.63	0	0	0	0	0	0	---	---	14
15	---	---	0.0	1.33	0	0	0	0	0	0	---	---	15
16	---	---	0.0	0.901	0	0	0	0	0	0	---	---	16
17	---	---	0.0	0.827	0	0	0	0	0	0	---	---	17
18	---	---	0.0	0.644	0	0	0	0	0	0	---	---	18
19	---	---	0.0	0.348	0	0	0	0	0	0	---	---	19
20	---	---	0.0	0.332	0	0	0	0	0	0	---	---	20
21	---	---	0.0	0.288	0	0	0	0	0	0	---	---	21
22	---	---	0.0	0.267	0	0	0	0	0	0	---	---	22
23	---	---	0.0	0.233	0	0	0	0	0	0	---	---	23
24	---	---	0.0	0.205	0	0	0	0	0	0	---	---	24
25	---	---	0.0	0.187	0	0	0	0	0	0	---	---	25
26	---	---	0.0	0.187	0	0	0	0	0	0	---	---	26
27	---	---	0.0	0.173	0	0	0	0	0	0	---	---	27
28	---	---	0.0	0.156	0	0	0	0	0	0A	---	---	28
29	---		0.0	0.133	0 005	0	0	0	0	0E	---	---	29
30	---		0.0	0.111	0	0	0	0	0	0E	---	---	30
31	---		0.0		0		0	0		0E	---	---	31
TOTAL	---	---	0	112.078	0.487	0.183	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	3.74	0.016	0.006	0	0	0	0	---	---	MEAN
MAX	---	---	0	30.8	0.056	0.035	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.460
MAXIMUM DAILY, 30.8 ON APR 6
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
33.3 AT 23.47 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 37 08 N
LONG 103 45 05 W
DRAINAGE AREA, 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	9 680	OCT	0
MAY	43.1	NOV	---
JUN	14.1	DEC	---

TOTAL DISCHARGE, 9 740 dam³

SHELL BROOK NEAR SHELLBROOK - STATION NO 05GF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DE	DAY
1	---	---	0.197E	0.304E	1.04	0.241	0.022	0.004	0.049	0.002	---	---	1
2	---	---	0.197E	0.455E	0.990	0.224	0.030	0.006	0.048	0.002	---	---	2
3	---	---	0.197E	0.620E	0.881	0.194	0.031	0.015	0.051	0.002	---	---	3
4	---	---	0.197E	0.874E	0.824	0.186	0.040	0.013	0.052	0.003	---	---	4
5	---	---	0.194E	1.01 E	0.646	0.251	0.094	0.011	0.050	0.006	---	---	5
6	---	---	0.183E	1.21 E	0.785	0.288	0.048	0.009	0.047	0.016	---	---	6
7	---	---	0.163E	1.59 E	0.683	0.270	0.029	0.130	0.040	0.029	---	---	7
8	---	---	0.190E	2.42 E	0.594	0.230	0.024	0.036	0.036	0.051	---	---	8
9	---	---	0.192E	3.07 E	0.572	0.180	0.020	0.010	0.042	0.064	---	---	9
10	---	---	0.180E	2.96 E	0.518	0.181	0.027	0.031	0.048	0.054	---	---	10
11	---	---	0.182E	2.70 E	0.508	0.202	0.029	0.040	0.048	0.058	---	---	11
12	---	---	0.191E	2.58 E	0.488	0.183	0.029	0.030	0.048	0.069	---	---	12
13	---	---	0.185E	2.83 E	0.423	0.103	0.036	0.024	0.047	0.067	---	---	13
14	---	---	0.180E	3.00	0.421	0.082	0.053	0.020	0.048	0.064	---	---	14
15	---	---	0.183E	2.88	0.387	0.079	0.089	0.035	0.041	0.087	---	---	15
16	---	---	0.183E	2.85	0.377	0.029	0.187	0.045	0.034	0.087	---	---	16
17	---	---	0.190E	2.88	0.416	0.027	0.128	0.047	0.037	0.071	---	---	17
18	---	---	0.195E	2.51	0.429	0.015	0.083	0.048	0.035	0.070	---	---	18
19	---	---	0.190E	2.37	0.429	0.004	0.100	0.045	0.028	0.065	---	---	19
20	---	---	0.184E	2.20	0.431	0.002	0.122	0.040	0.030	0.064	---	---	20
21	---	---	0.185E	2.02	0.439	0.002	0.104	0.042	0.034	0.064	---	---	21
22	---	---	0.185E	1.86	0.436	0.005	0.104	0.037	0.028	0.065	---	---	22
23	---	---	0.182E	1.68	0.400	0.002	0.127	0.035	0.022	0.060	---	---	23
24	---	---	0.181E	1.60	0.400	0.002	0.110	0.035	0.020	0.052	---	---	24
25	---	---	0.183E	1.51	0.408	0.002	0.084	0.048	0.015	0.050	---	---	25
26	---	---	0.176E	1.42	0.349	0.002	0.082	0.077	0.012	0.050A	---	---	26
27	---	---	0.170E	1.34	0.334	0.002	0.041	0.071	0.018	0.050E	---	---	27
28	---	---	0.168E	1.25	0.283	0.002	0.017	0.068	0.020	0.050E	---	---	28
29	---		0.165E	1.15	0.288	0.003	0.008	0.089	0.009	0.050E	---	---	29
30	---		0.174E	1.11	0.282	0.005	0.003	0.082	0.002	0.050E	---	---	30
31	---		0.200E		0.277		0.003	0.054		0.050E	---	---	31
TOTAL	---	---	5.729	56.087	16.059	2.978	1.782	1.241	1.038	1.484	---	---	TOTAL
MEAN	---	---	0.185	1.87	0.518	0.099	0.058	0.040	0.035	0.048	---	---	MEAN
MAX	---	---	0.200	3.07	1.04	0.288	0.187	0.130	0.052	0.071	---	---	MAX
MIN	---	---	0.163	0.304	0.288	0.002	0.003	0.004	0.002	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.353
MAXIMUM DAILY, 3.078 ON APR 9
MINIMUM DAILY, 0.002 ON JUN 20
MAXIMUM INSTANTANEOUS,
3.478 AT 12.37 CST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 10 N
LONG 106 23 08 W
DRAINAGE AREA, 2 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	155
FEB	---	AUG	107
MAR	495	SEP	88.7
APR	4 850	OCT	128
MAY	1 390	NOV	---
JUN	257	DEC	---

TOTAL DISCHARGE, 7 470 dam³

REMARKS - DATA MID JUNE TO OCTOBER RATED AS POOR DUE TO CHANNEL CONDITIONS AND LACK OF A CONTROL

SHELL LAKE NEAR SHELL LAKE - STATION NO 05GF004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	581.625E	581.579	581.583	581.584	581.493	581.408	---	1
2	---	---	---	---	---	581.621	581.576	581.608	581.582	581.490	581.400	---	2
3	---	---	---	---	---	581.616	581.574	581.610	581.581	581.488	581.400	---	3
4	---	---	---	---	---	581.614	581.571	581.608	581.577	581.484	581.404	---	4
5	---	---	---	---	---	581.612	581.578	581.606	581.576	581.481	581.403	---	5
6	---	---	---	---	581.642	581.609	581.583	581.610	581.572	581.477	581.402	---	6
7	---	---	---	---	581.638	581.607	581.600	581.612	581.568	581.474E	581.400	---	7
8	---	---	---	---	581.638	581.605	581.606	581.630	581.565	581.470E	581.400	---	8
9	---	---	---	---	581.634	581.603	581.608	581.639	581.556	581.485	581.400	---	9
10	---	---	---	---	581.632	581.617	581.620	581.638	581.559	581.483	581.399	---	10
11	---	---	---	---	581.630	581.616	581.616	581.637	581.557	581.480	581.398	---	11
12	---	---	---	---	581.627	581.614	581.611	581.630	581.564	581.457	581.398	---	12
13	---	---	---	---	581.623	581.617	581.606	581.628	581.553	581.462	581.390	---	13
14	---	---	---	---	581.622	581.618	581.607	581.628	581.548	581.441	581.390	---	14
15	---	---	---	---	581.620	581.614	581.612	581.628	581.545	581.447	581.388	---	15
16	---	---	---	---	581.618	581.612	581.608	581.626	581.545	581.444	581.388	---	16
17	---	---	---	---	581.617	581.608	581.607	581.621	581.543	581.442	581.390	---	17
18	---	---	---	---	581.618	581.608	581.605	581.617	581.541	581.439	---	---	18
19	---	---	---	---	581.614	581.603	581.618	581.614	581.538	581.437	---	---	19
20	---	---	---	---	581.608	581.607	581.618	581.612	581.535	581.434	---	---	20
21	---	---	---	---	581.605	581.624	581.620	581.608	581.531	581.431	---	---	21
22	---	---	---	---	581.603	581.618	581.617	581.607	581.528	581.428	---	---	22
23	---	---	---	---	581.601	581.611	581.615	581.606	581.525	581.417	---	---	23
24	---	---	---	---	581.599	581.605	581.614	581.603	581.522	581.420	---	---	24
25	---	---	---	---	581.601	581.600	581.613	581.601	581.518	581.420	---	---	25
26	---	---	---	---	581.604E	581.598	581.611	581.598	581.514	581.418	---	---	26
27	---	---	---	---	581.606	581.592	581.608	581.597	581.510	581.417	---	---	27
28	---	---	---	---	581.612E	581.588	581.607	581.595	581.504	581.415	---	---	28
29	---		---	---	581.616E	581.585	581.604	581.593	581.501	581.416	---	---	29
30	---		---	---	581.623E	581.582	581.600	581.590	581.497	581.412	---	---	30
31	---		---		581.629		581.597	581.587		581.411	---	---	31
MEAN	-	---	---	---	---	581.606	581.604	581.612	581.544	581.447	---	---	MEAN
MAX	-	---	---	---	---	581.625	581.620	581.639	581.584	581.493	---	---	MAX
MIN	-	---	---	---	---	581.582	581.571	581.587	581.497	581.411	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 13 25 N
LONG 107 10 17 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SHEPHERD DITCH NEAR CONSUL - STATION NO 11AB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 0458	0 198	0 019	0 003	0 003	0 002	0 005	---	---	1
2	---	---	0 B	0 0468	0 195	0 016	0 003	0 003	0 002	0 005	---	---	2
3	---	---	0 0018	0 0368	0 190	0 011	0 003	0 003	0 002	0 005	---	---	3
4	---	---	0 0108	0 0308	0 186	0 009	0 003	0 003	0 002	0 005	---	---	4
5	---	---	0 0258	0 0438	0 181	0 010	0 003	0 003	0 002	0 004	---	---	5
6	---	---	0 0308	0 048	0 180	0 004	0 003	0 003	0 002	0 004	---	---	6
7	---	---	0 0508	0 041	0 179	0 004	0 002	0 003	0 002	0 004	---	---	7
8	---	---	0 0458	0 036	0 178	0 003	0 002	0 003	0 002	0 004	---	---	8
9	---	---	0 0408	0 032	0 185	0 004	0 002	0 003	0 002	0 004	---	---	9
10	---	---	0 0308	0 029	0 175	0 003	0 002	0 004	0 002	0 004	---	---	10
11	---	---	0 0308	0 030	0 208	0 003	0 002	0 004	0 002	0 004	---	---	11
12	---	---	0 0318	0 030	0 215	0 002	0 002	0 004	0 002	0 003	---	---	12
13	---	---	0 0318	0 028	0 218	0 002	0 002	0 004	0 014	0 004	---	---	13
14	---	---	0 0328	0 109	0 195	0 002	0 002	0 005	0 020	0 004	---	---	14
15	---	---	0 0328	0 247	0 185	0 003	0 002	0 004	0 022	0 004	---	---	15
16	---	---	0 0338	0 256	0 179	0 003	0 002	0 005	0 023	0 004	---	---	16
17	---	---	0 0338	0 267	0 171	0 003	0 002	0 005	0 023	0 004	---	---	17
18	---	---	0 0348	0 279	0 146	0 003	0 003	0 005	0 023	0 003	---	---	18
19	---	---	0 0318	0 284	0 137	0 005	0 002	0 005	0 023	0 004	---	---	19
20	---	---	0 0288	0 241	0 185	0 004	0 002	0 004	0 023	0 003	---	---	20
21	---	---	0 0268	0 223	0 184	0 004	0 002	0 004	0 004	0 003	---	---	21
22	---	---	0 0228	0 213	0 161	0 004	0 003	0 004	0 005	0 003	---	---	22
23	---	---	0 0168	0 202	0 158	0 004	0 002	0 004	0 003	0 003	---	---	23
24	---	---	0 0148	0 185	0 156	0 004	0 002	0 005	0 004	0 003	---	---	24
25	---	---	0 0108	0 173	0 104	0 004	0 003	0 005	0 005	0 003	---	---	25
26	---	---	0 0108	0 152	0 058	0 003	0 003	0 005	0 005	0 003A	---	---	26
27	---	---	0 0108	0 148	0 060	0 004	0 002	0 005	0 003	0 003E	---	---	27
28	---	---	0 0208	0 146	0 060	0 004	0 003	0 005	0 004	0 003E	---	---	28
29	---		0 0258	0 202	0 066	0 003	0 003	0 006	0 005	0 003E	---	---	29
30	---		0 0308	0 223	0 052	0 003	0 003	0 005	0 005	0 003E	---	---	30
31	---		0 0358		0 037		0 003	0 005		0 003E		---	31
TOTAL	---	---	0 786	4 013	4 732	0 150	0 078	0 136	0 238	0 114	---	---	TOTAL
MEAN	---	---	0 025	0 134	0 153	0 005	0 002	0 004	0 008	0 004	---	---	MEAN
MAX	---	---	0 050	0 279	0 218	0 019	0 003	0 005	0 023	0 005	---	---	MAX
MIN	---	---	0	0 028	0 037	0 002	0 002	0 003	0 002	0 003	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 042
MAXIMUM DAILY, 0.279 ON APR 18
MINIMUM DAILY, 00 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 50 N
LONG 109 44 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 57
FEB	---	AUG	11 9
MAR	66 2	SEP	20 6
APR	347	OCT	9 85
MAY	408	NOV	---
JUN	13 0	DEC	---

TOTAL DISCHARGE, 884 dam³

SHORT CREEK NEAR ROCHE PERCEE - STATION NO. 05NB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 0028	0 0018	0 0028	3 45 B	0 071	0 027	0	0 003	0	0	0 001	0 0028	1
2	0 0028	0 B	0 0028	5 10 B	0 070	0 027	0	0 003	0	0	0 001	0 0018	2
3	0 0028	0 B	0 0128	4 84 B	0 083	0 015	0	0 002	0	0	0 002	0 0018	3
4	0 0028	0 B	0 0308	3 60	0 081	0 009	0	0 002	0	0	0 002	0 0018	4
5	0 0028	0 B	0 0558	2 83	0 067	0 007	0	0 001	0	0	0 002	0 0018	5
6	0 0028	0 B	0 1258	2 08	0 054	0 005	0 001	0 001	0	0	0 002	0 0018	6
7	0 0028	0 B	0 5028	1 58	0 052	0 004	0	0 001	0	0	0 002	0 0018	7
8	0 0028	0 B	0 8358	1 18	0 050	0 002	0	0 001	0	0	0 002	0 0018	8
9	0 0028	0 0018	0 8508	0 918	0 047	0 002	0 008	0 001	0	0	0 002	0 0018	9
10	0 0028	0 0018	0 8198	0 723	0 042	0 002	0 004	0 001	0	0	0 002	0 0018	10
11	0 0028	0 0018	0 5688	0 831	0 037	0 003	0 004	0 001	0	0	0 002	0 0018	11
12	0 0028	0 0018	0 3488	0 687	0 035	0 002	0 003	0	0	0	0 002	0 0018	12
13	0 0028	0 0018	0 1888	0 548	0 034	0 002	0 002	0	0	0	0 002	0 0018	13
14	0 0028	0 0018	0 1088	0 553	0 031	0 002	0 002	0	0	0	0 002	0 0018	14
15	0 0028	0 0018	0 0838	0 482	0 032	0 001	0 001	0	0	0	0 002	0 0018	15
16	0 0028	0 0018	0 0588	0 408	0 050	0	0 001	0	0	0	0 002	0 0018	16
17	0 0028	0 0028	0 0538	0 355	0 133	0	0 001	0	0	0	0 003	0 0018	17
18	0 0028	0 0028	0 0418	0 329	0 073	0	0 002	0	0	0	0 0038	0 0018	18
19	0 0018	0 0028	0 0418	0 278	0 058	0	0 002	0	0	0	0 0028	0 0018	19
20	0 0018	0 0028	0 0588	0 228	0 045	0	0 002	0	0	0	0 0028	0 0018	20
21	0 0018	0 0028	0 2618	0 203	0 040	0	0 003	0	0	0	0 0028	0 0018	21
22	0 0018	0 0028	0 3188	0 180	0 033	0	0 002	0	0	0	0 0028	0 0018	22
23	0 0018	0 0028	0 5468	0 173	0 035	0	0 002	0	0	0	0 0018	0 0018	23
24	0 0018	0 0028	4 33 B	0 158	0 033	0	0 002	0	0	0	0 0028	0 0018	24
25	0 0018	0 0028	5 10 B	0 144	0 032	0	0 001	0	0	0	0 0028	0 B	25
26	0 0018	0 0028	5 83 B	0 124	0 033	0	0 001	0	0	0	0 0028	0 B	26
27	0 0018	0 0028	4 89 B	0 109	0 032	0	0	0	0	0	0 0018	0 B	27
28	0 0018	0 0028	3 81 B	0 106	0 031	0 002	0	0	0	0	0 0018	0 B	28
29	0 0018		4 45 B	0 091	0 032	0 001	0	0	0	0	0 0018	0 B	29
30	0 0018		3 54 B	0 087	0 029	0	0 002	0	0	0	0 0018	0 B	30
31	0 0018		3 06 B		0 024		0 002	0				0 B	31
TOTAL	0 049	0 033	40 168	31 861	1 459	0 113	0 048	0 017	0	0	0 095	0 025	TOTAL
MEAN	0 002	0 001	1 30	1 06	0 047	0 004	0 002	0 001	0	0	0 002	0 001	MEAN
MAX	0 002	0 002	5 83	5 10	0 133	0 027	0 008	0 003	0	0	0 003	0 002	MAX
MIN	0 001	0	0 002	0 087	0 024	0	0	0	0	0	0 001	0	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 202
MAXIMUM DAILY, 5 838 ON MAR 26
MINIMUM DAILY, 00 ON FEB 2
MAXIMUM INSTANTANEOUS,
5 878 AT 13 25 CST ON MAR 26

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 52 N
LONG 102 50 57 W
DRAINAGE AREA, 1 210 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 23	JUL	4 15
FEB	2 85	AUG	1 47
MAR	3 470	SEP	0
APR	3 740	OCT	0
MAY	138	NOV	4 75
JUN	9 78	DEC	2 18

TOTAL DISCHARGE, 5 370 dam³

SILTON INDEX RESERVOIR - STATION NO 05JH007

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	27.143	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	27.716	27.623	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	27.750	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	27.038	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	27.205E	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	27.373	---	---	27.751	---	---	29
30	---		---	---	---	27.442	---	---	26.897	---	---	---	30
31	---		27.935E	27.760E	27.670E	27.442E	---	---	26.898E	---	---	---	31
							27.385E	27.158E		27.751E			
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 47 58 N
LONG 104 54 11 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA
19.7 km²

SMITH CREEK NEAR MARCHWELL - STATION NO 05ME007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0618	0.131	0.015	0	0	0	0	---	---	1
2	---	---	0 B	0.0888	0.112	0.018	0	0	0	0	---	---	2
3	---	---	0 B	0.3898	0.108	0.018	0	0	0	0	---	---	3
4	---	---	0 B	2.81 B	0.080	0.013	0	0	0	0	---	---	4
5	---	---	0 B	5.88 B	0.077	0.011	0	0	0	0	---	---	5
6	---	---	0 B	5.89	0.058	0.008	0	0	0	0	---	---	6
7	---	---	0 B	5.52	0.044	0.005	0	0	0	0	---	---	7
8	---	---	0 B	3.88	0.038	0.003	0	0	0	0	---	---	8
9	---	---	0 B	3.38	0.032	0.002	0	0	0	0	---	---	9
10	---	---	0 B	3.08	0.027	0.001	0	0	0	0	---	---	10
11	---	---	0 B	2.86	0.023	0.001	0	0	0	0	---	---	11
12	---	---	0 B	2.48	0.020	0	0	0	0	0	---	---	12
13	---	---	0 B	2.10	0.017	0	0	0	0	0	---	---	13
14	---	---	0 B	1.88	0.017	0	0	0	0	0	---	---	14
15	---	---	0 B	1.87	0.014	0	0	0	0	0	---	---	15
16	---	---	0 B	1.48	0.012	0	0	0	0	0	---	---	16
17	---	---	0 B	1.24	0.010	0	0	0	0	0	---	---	17
18	---	---	0 B	1.20	0.009	0	0	0	0	0	---	---	18
19	---	---	0 B	1.02	0.006	0	0	0	0	0	---	---	19
20	---	---	0 B	0.872	0.007	0	0	0	0	0	---	---	20
21	---	---	0.0018	0.704	0.008	0	0	0	0	0	---	---	21
22	---	---	0.0118	0.622	0.004	0	0	0	0	0	---	---	22
23	---	---	0.0128	0.526	0.004	0	0	0	0	0	---	---	23
24	---	---	0.0158	0.450	0.003	0	0	0	0	0	---	---	24
25	---	---	0.0088	0.417	0.002	0	0	0	0	0	---	---	25
26	---	---	0.0078	0.380	0.002	0	0	0	0	0	---	---	26
27	---	---	0.0088	0.296	0.002	0	0	0	0	0	---	---	27
28	---	---	0.0068	0.226	0.011	0	0	0	0	0	---	---	28
29	---		0.0018	0.185	0.018	0	0	0	0	0	---	---	29
30	---		0.0228	0.165	0.015	0	0	0	0	0	---	---	30
31	---		0.0408		0.011		0	0		0		---	31
TOTAL	---	---	0.139	51.242	0.929	0.093	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.004	1.71	0.030	0.003	0	0	0	0	---	---	MEAN
MAX	---	---	0.040	5.89	0.131	0.018	0	0	0	0	---	---	MAX
MIN	---	---	0	0.051	0.002	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.214
MAXIMUM DAILY 5.89 ON APR 6
MINIMUM DAILY 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS
6.368 AT 00 40 CST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 58 N
LONG 101 34 43 W
DRAINAGE AREA 435 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	11.1	SEP	0
APR	4 430	OCT	0
MAY	80.3	NOV	---
JUN	8.04	DEC	---

TOTAL DISCHARGE 4 530 dam³

SMOOTHSTONE RIVER BELOW EMMELINE LAKE - STATION NO. 08CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.988	4.888	3.318	4.888	52.1	24.3	16.3	19.8	13.6	8.91	6.27	4.088	1
2	4.988	4.718	3.388	4.908	51.7	24.8	17.4	18.4	13.0	7.89	6.83	3.878	2
3	4.948	4.568	3.698	5.098	52.0	23.0	17.1	18.6	12.8	7.88	6.83	3.828	3
4	4.928	4.548	3.848	5.448	51.7	21.7	16.5	16.4	12.5	7.86	7.46	3.618	4
5	4.908	4.488	4.128	5.878	50.9	20.8	15.8	17.7	13.0	7.61	6.58	3.678	5
6	4.878	4.488	4.288	5.588	49.3	19.6	15.6	17.3	12.8	7.48	6.39	3.988	6
7	4.758	4.448	4.158	5.85	47.5	20.2	15.1	16.9	13.2	7.32	6.02	3.938	7
8	4.718	4.308	3.938	7.49	46.3	20.4	15.3	16.5	13.1	8.91	6.34	3.898	8
9	4.708	4.128	3.798	9.14	43.5	19.6	16.6	16.1	12.3	7.30	5.85	3.948	9
10	4.788	3.968	3.748	8.40	41.1	20.3	16.8	15.2	12.1	7.58	5.91	3.818	10
11	4.628	3.778	3.888	10.9	40.2	24.4	19.7	16.0	11.8	7.48	5.82	3.938	11
12	4.818	3.738	4.038	10.6	38.5	24.6	19.6	16.2	11.5	7.37	5.66	4.138	12
13	5.068	3.168	4.188	10.7	37.8	24.1	19.4	16.4	11.2	8.13	5.57	4.128	13
14	4.898	3.198	4.388	10.9	36.7	23.4	19.3	19.3	11.2	8.71	5.25	4.068	14
15	4.258	3.388	4.398	12.1	35.8	21.5	20.3	18.8	10.9	7.51	5.40	3.918	15
16	4.668	3.608	4.438	18.1	34.5	20.1	20.6	18.5	10.8	7.46	5.45	3.818	16
17	4.948	3.728	4.868	23.4	32.8	20.4	20.8	18.3	11.0	7.46	5.54	3.868	17
18	5.228	3.718	4.588	28.7	31.2	19.8	20.4	18.2	10.8	7.84	5.05	3.858	18
19	4.998	3.608	4.508	29.9	30.0	18.5	20.2	17.6	10.5	7.82	4.538	3.768	19
20	4.948	3.868	4.728	31.9	30.6	17.4	20.8	17.3	10.3	7.37	4.838	3.768	20
21	5.028	3.888	4.858	38.5	30.8	16.2	21.2	17.0	10.1	7.02	4.808	3.828	21
22	5.088	3.908	5.088	41.4	29.8	15.8	21.0	16.8	9.85	6.83	4.878	3.458	22
23	5.188	3.798	4.978	43.5	28.8	15.7	20.5	16.2	9.70	7.28	4.618	3.438	23
24	5.038	3.878	4.868	45.1	27.5	15.5	19.8	15.8	9.26	6.90	4.458	3.368	24
25	4.798	3.588	4.738	47.1	26.8	15.5	19.6	15.5	8.37	6.95	4.488	3.328	25
26	4.638	3.468	4.488	48.5	25.8	14.5	18.9	15.3	8.25	7.22	4.488	3.308	26
27	4.578	3.428	4.358	50.6	24.9	13.8	18.8	15.1	8.00	7.39	4.428	3.328	27
28	4.608	3.388	3.988	51.7	24.7	13.2	18.8	14.8	8.02	6.79	4.398	3.278	28
29	4.638		4.328	51.8	25.2	12.8	19.8	14.8	8.83	6.67	4.288	3.248	29
30	4.688		4.498	52.2	24.4	13.5	20.3	14.5	8.48	6.65	4.188	3.158	30
31	4.918		4.608		24.0		20.1	14.0		6.64		3.108	31
TOTAL	150.38	108.38	132.42	714.72	1 128.1	575.2	584.2	527.5	331.58	231.01	162.44	114.75	TOTAL
MEAN	4.85	3.91	4.27	23.8	36.3	19.2	18.8	17.0	11.1	7.45	5.41	3.70	MEAN
MAX	5.22	4.88	5.08	52.2	52.1	24.8	21.2	19.8	13.8	8.91	7.46	4.13	MAX
MIN	4.25	3.16	3.31	4.88	24.0	12.8	15.1	14.0	8.48	6.64	4.18	3.10	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.0
MAXIMUM DAILY, 52.2 ON APR 30
MINIMUM DAILY, 3.108 ON DEC 31
MAXIMUM INSTANTANEOUS,
52.5 AT 18.05 CST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 09 48 N
LONG 106 12 25 W
DRAINAGE AREA, 6 020 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 000	JUL	50 500
FEB	9 450	AUG	45 800
MAR	11 400	SEP	28 600
APR	61 800	OCT	20 000
MAY	97 300	NOV	14 000
JUN	49 700	DEC	9 910

TOTAL DISCHARGE, 411 000 dam³

SNAKEBITE CREEK NEAR BEECHY - STATION NO. 05HE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.39 B	0.002	0	0	0	0	0	---	---	1
2	---	---	0 B	0.888	0.004	0	0	0	0	0	---	---	2
3	---	---	0.038B	0.726	0.007	0	0	0	0	0	---	---	3
4	---	---	2.07 B	0.538	0.005	0	0	0	0	0	---	---	4
5	---	---	7.32 B	0.419	0.006	0	0	0	0	0	---	---	5
6	---	---	2.82 B	0.293	0.002	0	0	0	0	0	---	---	6
7	---	---	1.56 B	0.197	0.001	0	0	0	0	0	---	---	7
8	---	---	0.844B	0.142	0.001	0	0	0	0	0	---	---	8
9	---	---	0.544B	0.104	0	0	0	0	0	0	---	---	9
10	---	---	0.465B	0.060	0	0	0	0	0	0	---	---	10
11	---	---	0.200B	0.088	0	0	0	0	0	0	---	---	11
12	---	---	0.200B	0.105	0	0	0	0	0	0	---	---	12
13	---	---	0.150B	0.135	0	0	0	0	0	0	---	---	13
14	---	---	0.100B	0.087	0	0	0	0	0	0	---	---	14
15	---	---	0.078B	0.067	0	0	0	0	0	0	---	---	15
16	---	---	0.078B	0.049	0	0	0	0	0	0	---	---	16
17	---	---	0.088B	0.038	0	0	0	0	0	0	---	---	17
18	---	---	0.302B	0.030	0	0	0	0	0	0	---	---	18
19	---	---	0.278B	0.026	0	0	0	0	0	0	---	---	19
20	---	---	0.380B	0.023	0	0	0	0	0	0	---	---	20
21	---	---	0.541B	0.018	0	0	0	0	0	0	---	---	21
22	---	---	0.563B	0.016	0	0	0	0	0	0	---	---	22
23	---	---	0.408B	0.013	0	0	0	0	0	0	---	---	23
24	---	---	0.434B	0.011	0	0	0	0	0	0	---	---	24
25	---	---	0.678B	0.010	0	0	0	0	0	0	---	---	25
26	---	---	3.20 B	0.007	0	0	0	0	0	0	---	---	26
27	---	---	8.54 B	0.005	0	0	0	0	0	0	---	---	27
28	---	---	3.62 B	0.004	0	0	0	0	0	0	---	---	28
29	---		3.02 B	0.003	0	0	0	0	0	0	---	---	29
30	---		2.46 B	0.002	0	0	0	0	0	0	---	---	30
31	---		1.92 B		0		0	0		0		---	31
TOTAL	---	---	38.908	5.481	0.026	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	1.26	0.183	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	7.32	1.39	0.007	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.002	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.181
MAXIMUM DAILY, 7.328 ON MAR 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.1 AT 07.24 CST ON MAR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 06 N
LONG 107 16 31 W
DRAINAGE AREA, 881 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	3 380	SEP	0
APR	474	OCT	0
MAY	2.25	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 840 dam³

SNIPE LAKE NEAR ESTON - STATION NO 05HC002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	DRY	DRY	---	---	1
2	---	---	---	---	---	---	---	---	DRY	DRY	---	---	2
3	---	---	---	---	---	---	---	---	DRY	DRY	---	---	3
4	---	---	---	---	---	---	---	---	DRY	DRY	---	---	4
5	---	---	---	---	---	---	---	---	DRY	DRY	---	---	5
6	---	---	---	---	---	---	---	27.385	DRY	DRY	---	---	6
7	---	---	---	27.630	---	---	---	---	DRY	DRY	---	---	7
8	---	---	---	---	---	---	27.402	---	DRY	DRY	---	---	8
9	---	---	---	---	---	---	---	---	DRY	DRY	---	---	9
10	---	---	---	---	---	---	---	---	DRY	DRY	---	---	10
11	---	27.679	---	---	---	---	---	---	DRY	DRY	---	---	11
12	---	---	---	---	---	---	---	---	DRY	DRY	---	---	12
13	---	---	---	---	---	---	---	---	DRY	DRY	---	---	13
14	---	---	---	---	---	---	---	---	DRY	DRY	---	---	14
15	---	---	---	---	---	---	---	---	DRY	DRY	---	---	15
16	---	---	---	---	---	---	---	---	DRY	DRY	---	---	16
17	---	---	---	---	---	---	---	---	DRY	DRY	---	---	17
18	---	---	---	---	---	---	---	---	DRY	DRY	---	---	18
19	---	---	---	---	---	---	---	---	DRY	DRY	---	---	19
20	---	---	---	---	---	---	---	---	DRY	DRY	---	---	20
21	---	---	---	---	---	---	---	---	DRY	DRY	---	---	21
22	---	---	---	---	---	---	---	---	DRY	DRY	---	---	22
23	---	---	---	---	---	---	---	---	DRY	DRY	---	---	23
24	---	---	---	---	---	---	---	---	DRY	DRY	---	---	24
25	---	---	---	---	---	---	---	---	DRY	DRY	---	---	25
26	---	---	---	---	27.665	---	---	---	DRY	DRY	---	---	26
27	---	---	---	---	---	---	---	---	DRY	DRY	---	---	27
28	---	27.644E	---	27.792	---	---	---	---	DRY	DRY	---	---	28
29	---		---	---	---	---	---	---	DRY	DRY	---	---	29
30	---		---	27.784E	---	27.451E	---	---	DRY	DRY	---	---	30
31	---		27.638E		27.638E		27.389E	27.383E		DRY		---	31
MEAN	---	---	---	---	---	---	---	---	DRY	DRY	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	DRY	DRY	---	---	MAX
MIN	---	---	---	---	---	---	---	---	DRY	DRY	---	---	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, DRY ON SEP 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 13 06 N
LONG 108 51 07 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - STATION DISCONTINUED AFTER THE 1987 SEASON

SNIPE LAKE NORTH INFLOW - STATION NO 05HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0808	0.081	0	0	0	0	0	---	---	1
2	---	---	0 B	0.0408	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.0288	0	0	0	0	0	0	---	---	3
4	---	---	0.040B	0.021	0	0	0	0	0	0	---	---	4
5	---	---	0.261B	0.012	0	0	0	0	0	0	---	---	5
6	---	---	0.179B	0.010	0	0	0	0	0	0	---	---	6
7	---	---	0.085B	0.006	0	0	0	0	0	0	---	---	7
8	---	---	0.049B	0.008	0	0	0	0	0	0	---	---	8
9	---	---	0.012B	0.007	0	0	0	0	0	0	---	---	9
10	---	---	0.008B	0.007	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.007	0	0	0	0	0	0	---	---	11
12	---	---	0.004B	0.007	0	0	0	0	0	0	---	---	12
13	---	---	0.009B	0.005	0	0	0	0	0	0	---	---	13
14	---	---	0.005B	0.005	0	0	0	0	0	0	---	---	14
15	---	---	0.004B	0.004	0	0	0	0	0	0	---	---	15
16	---	---	0.003B	0.004	0	0	0	0	0	0	---	---	16
17	---	---	0.018B	0.004	0	0	0	0	0	0	---	---	17
18	---	---	0.086B	0.007	0	0	0	0	0	0	---	---	18
19	---	---	0.059B	0.012	0	0	0	0	0	0	---	---	19
20	---	---	0.052B	0.008	0	0	0	0	0	0	---	---	20
21	---	---	0.059B	0.006	0	0	0	0	0	0	---	---	21
22	---	---	0.029B	0.005	0	0	0	0	0	0	---	---	22
23	---	---	0.014B	0.004	0	0	0	0	0	0	---	---	23
24	---	---	0.030B	0.004	0	0	0	0	0	0	---	---	24
25	---	---	0.180B	0.004	0	0	0	0	0	0	---	---	25
26	---	---	0.253B	0.003	0	0	0	0	0	0	---	---	26
27	---	---	0.240B	0.002	0	0	0	0	0	0	---	---	27
28	---	---	0.190B	0.002	0	0	0	0	0	0	---	---	28
29	---		0.150B	0.002	0	0	0	0	0	0	---	---	29
30	---		0.115B	0.001	0	0	0	0	0	0	---	---	30
31	---		0.085B		0		0	0		0		---	31
TOTAL	---	---	2.207	0.299	0.001	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.071	0.010	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.261	0.080	0.001	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.010
MAXIMUM DAILY, 0.261B ON MAR 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.672B AT 22:25 CST ON MAR 25

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 16 N
LONG 108 51 48 W
DRAINAGE AREA, 44.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	191	SEP	0
APR	25.8	OCT	0
MAY	0.09	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 217 dam³

SOURIS RIVER NEAR BECHARD - STATION NO 05NB031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.975	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.726	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.592	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.453	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.376	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.217	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.145	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.107	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.087	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.061	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.065	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.056	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.044	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.036	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.025	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.020	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.015	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.013	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.010	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.003	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.4688 B	0	0	0	0	0	0	0	---	---	25
26	---	---	1.58 B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.8588 B	0	0	0	0	0	0	0	---	---	27
28	---	---	0.4138 B	0	0	0	0	0	0	0	---	---	28
29	---		1.20 B	0	0	0	0	0	0	0	---	---	29
30	---		1.51 B	0	0	0	0	0	0	0	---	---	30
31	---		1.24 B		0		0			0		---	31
TOTAL	---	---	7.068	3.882	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.228	0.133	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.58	0.875	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.045
MAXIMUM DAILY, 1.598 ON MAR 26
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
2.338 AT 08:27 CST ON MAR 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 20 N
LONG 104 11 24 W
DRAINAGE AREA, 1 070 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	611	SEP	0
APR	344	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 955 dam³

SOURIS RIVER NEAR GLEN EWEN - STATION NO 05ND001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0828	0.0558	0.0808	11.5 B	2.52	0.473	0.043	0.045	0.017	0.011	0.027	0.0208	1
2	0.1088	0.0548	0.0748	19.0 B	2.57	0.457	0.041	0.037	0.033	0.010	0.023	0.0188	2
3	0.1028	0.0578	0.0688	29.8 B	2.33	0.457	0.032	0.023	0.010A	0.011	0.024	0.0158	3
4	0.0888	0.0638	0.1808	24.5 B	2.09	0.577	0.027	0.022	0.009E	0.014	0.021	0.0188	4
5	0.0728	0.0388	0.4048	21.0 B	1.84	0.569	0.026	0.020	0.009E	0.015	0.021	0.0188	5
6	0.0888	0.0348	1.01 B	17.5	1.55	0.510	0.030	0.020	0.009E	0.010	0.024	0.0158	6
7	0.0748	0.0788	1.59 B	13.8	1.28	0.435	0.029	0.023	0.008E	0.012	0.024	0.0188	7
8	0.0638	0.1498	1.91 B	10.6	1.08	0.405	0.026	0.020	0.008E	0.014	0.025	0.0288	8
9	0.0758	0.1498	2.02 B	8.49	0.981	0.361	0.033	0.020	0.008E	0.005A	0.025	0.0398	9
10	0.0888	0.1748	2.23 B	7.21	0.804	0.335	0.044	0.022	0.008E	0.005E	0.027	0.0308	10
11	0.0888	0.1258	2.32 B	8.20	0.738	0.310	0.043	0.019	0.008E	0.005E	0.056	0.0188	11
12	0.0808	0.1118	2.25 B	5.24	0.696	0.295	0.044	0.017	0.008E	0.005E	0.041	0.0188	12
13	0.0568	0.1068	1.82 B	4.64	0.642	0.282	0.041	0.020	0.008E	0.005E	0.024	0.0158	13
14	0.0598	0.1028	1.53 B	4.58	0.585	0.251	0.038	0.027	0.008A	0.005E	0.019	0.0108	14
15	0.0838	0.0838	1.36 B	4.51	0.592	0.231	0.028	0.020	0.012	0.005E	0.020	0.0088	15
16	0.0708	0.0848	1.26 B	4.36	0.617	0.204A	0.028	0.018	0.018	0.005E	0.018	0.0058	16
17	0.0808	0.0858	1.21 B	4.11	0.601	0.168	0.028	0.023	0.037	0.005E	0.018	0.0038	17
18	0.0498	0.0958	1.15 B	3.88	0.547	0.134	0.045	0.017	0.038	0.005E	0.018B	0.0038	18
19	0.0318	0.0978	1.10 B	3.62	0.571	0.101	0.089	0.018	0.034	0.006E	0.017B	0.0028	19
20	0.0338	0.0878	1.15 B	3.34	0.586	0.088	0.058	0.018	0.034	0.005E	0.017B	0.0028	20
21	0.0398	0.0558	1.75 B	3.29	0.580	0.085	0.040	0.018	0.031	0.005E	0.020B	0.0018	21
22	0.0388	0.0818	3.50 B	3.11	0.809	0.068	0.038	0.010	0.030	0.005E	0.024B	0.0018	22
23	0.0398	0.1048	10.7 B	2.86	0.881	0.041	0.033	0.008	0.028	0.012A	0.023B	0.0018	23
24	0.0418	0.1028	15.3 B	2.82	0.841	0.040	0.028	0.010	0.023	0.016	0.019B	0 B	24
25	0.0408	0.1088	14.2 B	2.72	0.587	0.038	0.024	0.008	0.020	0.017	0.020B	0 B	25
26	0.0488	0.1078	15.1 B	2.63	0.580	0.030	0.024	0.010	0.019	0.020	0.026B	0 B	26
27	0.0398	0.0888	17 B	2.38	0.546	0.029	0.022	0.009	0.027	0.015	0.027B	0 B	27
28	0.0458	0.0858	20.4 B	2.33	0.527	0.033	0.023	0.010	0.023	0.017	0.026B	0 B	28
29	0.0408		18.8 B	2.08	0.587	0.041	0.023	0.011	0.011	0.023	0.026B	0 B	29
30	0.0458		16.0 B	2.13	0.571	0.037	0.029	0.011	0.008	0.026	0.027B	0 B	30
31	0.0488		12.8 B		0.500		0.038	0.012		0.031		0 B	31
TOTAL	1.826	2.586	171.173	234.15	29.521	7.008	1.083	0.588	0.542	0.344	0.727	0.295	TOTAL
MEAN	0.059	0.092	5.52	7.81	0.952	0.234	0.034	0.018	0.018	0.011	0.024	0.010	MEAN
MAX	0.108	0.174	20.4	29.8	2.57	0.577	0.089	0.045	0.038	0.031	0.058	0.039	MAX
MIN	0.031	0.034	0.068	2.08	0.500	0.029	0.022	0.009	0.008	0.005	0.018	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 29.8B ON APR 3
MINIMUM DAILY, 0E ON DEC 24
MAXIMUM INSTANTANEOUS,
31.0B AT 11:40 CST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 02 N
LONG 102 01 42 W
DRAINAGE AREA, 22 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	158	JUL	91.8
FEB	224	AUG	48.1
MAR	14 800	SEP	46.8
APR	20 200	OCT	29.7
MAY	2 550	NOV	62.8
JUN	608	DEC	25.5

TOTAL DISCHARGE, 38 800 dam³

SOURIS RIVER NEAR HALBRITE - STATION NO. 05NB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.148	0.110	0	0	0	0	0	---	---	1
2	---	---	0 B	0.108	0.077	0	0	0	0	0	---	---	2
3	---	---	0 B	0.075	0.047	0	0	0	0	0	---	---	3
4	---	---	0.0258	0.050	0.032	0	0	0	0	0	---	---	4
5	---	---	0.0448	0.029	0.022	0	0	0	0	0.035A	---	---	5
6	---	---	0.0208	0.016	0.015	0.003	0	0	0	0.123	---	---	6
7	---	---	0.0138	0.019	0.011	0.002	0	0	0	0.086	---	---	7
8	---	---	0.0088	0.020	0.005	0	0	0	0	0.062	---	---	8
9	---	---	0.0068	0.028	0.002	0	0	0	0	0.045	---	---	9
10	---	---	0.0048	0.802	0.001	0	0	0	0	0.033	---	---	10
11	---	---	0.0028	0.523	0.001	0	0	0	0	0.022	---	---	11
12	---	---	0.0018	0.418	0.001	0	0	0	0	0.020	---	---	12
13	---	---	0.0038	0.438	0.001	0	0	0	0	0.018	---	---	13
14	---	---	0.0048	0.431	0	0	0	0	0	0.015	---	---	14
15	---	---	0.0028	0.438	0	0	0	0	0	0.013	---	---	15
16	---	---	0.0018	0.484	0	0	0	0	0	0.013	---	---	16
17	---	---	0.0018	0.436	0	0	0	0	0	0.011	---	---	17
18	---	---	0.0018	0.398	0	0	0	0	0	0.008	---	---	18
19	---	---	0.0018	0.325	0	0	0	0	0	0.006	---	---	19
20	---	---	0.0348	0.563	0.001	0	0	0	0	0.004	---	---	20
21	---	---	0.6678	0.358	0	0	0	0	0	0.003A	---	---	21
22	---	---	1.46 B	0.245	0	0	0	0	0	0.003A	---	---	22
23	---	---	1.70 B	0.325	0	0	0	0	0	0.003	---	---	23
24	---	---	1.68 B	0.367	0.001	0	0	0	0	0.003	---	---	24
25	---	---	1.25 B	0.394	0.001	0	0	0	0	0.003	---	---	25
26	---	---	0.9068	0.330	0.002	0	0	0	0	0.003	---	---	26
27	---	---	0.5848	0.310	0.003	0	0	0	0	0.003	---	---	27
28	---	---	0.4088	0.258	0.005	0	0	0	0	0.003	---	---	28
29	---		0.244	0.186	0.004	0	0	0	0	0.003A	---	---	29
30	---		0.198	0.143	0.001	0	0	0	0	0.003E	---	---	30
31	---		0.182		0		0	0		0.003E		---	31
TOTAL	---	---	9.881	8.446	0.343	0.005	0	0	0	0.848	---	---	TOTAL
MEAN	---	---	0.318	0.282	0.011	0	0	0	0	0.018	---	---	MEAN
MAX	---	---	1.89	0.802	0.110	0.003	0	0	0	0.123	---	---	MAX
MIN	---	---	0	0.016	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.076
MAXIMUM DAILY, 1.898 ON MAR 24
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
2.238 AT 03:04 CST ON MAR 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 37 N
LONG 103 39 44 W
DRAINAGE AREA, 3 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	852	SEP	0
APR	730	OCT	47.3
MAY	28.6	NOV	---
JUN	0.43	DEC	---

TOTAL DISCHARGE, 1 680 dam³

SOURIS RIVER NEAR MCTAGGART - STATION NO. 05NB030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.78	0	0	0	0	0	0	---	---	1
2	---	---	0 B	1.48	0.001	0	0	0	0	0	---	---	2
3	---	---	0 B	1.11	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.857	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.688	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.568	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.411	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.310	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.189	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.124	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.128	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.086	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.081	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.086	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.068	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.058	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.046	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.046	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.037	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.025	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.020	0	0	0	0	0	0	---	---	21
22	---	---	0.0018	0.015	0	0	0	0	0	0	---	---	22
23	---	---	0.0608	0.014	0	0	0	0	0	0	---	---	23
24	---	---	0.3008	0.010	0	0	0	0	0	0	---	---	24
25	---	---	1.00 B	0.007	0	0	0	0	0	0	---	---	25
26	---	---	1.08 B	0.010	0	0	0	0	0	0	---	---	26
27	---	---	0.8838	0.008	0	0	0	0	0	0	---	---	27
28	---	---	0.4968	0.002	0	0	0	0	0	0	---	---	28
29	---		0.9938	0.008	0	0	0	0	0	0	---	---	29
30	---		0.9898	0.002	0	0	0	0	0	0	---	---	30
31	---		1.51 B		0		0	0		0		---	31
TOTAL	---	---	7.722	5.290	0.001	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.249	0.176	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.51	1.78	0.001	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.002	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.065
MAXIMUM DAILY, 1.78 ON APR 1
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.88 AT 24:00 CST ON MAR 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 10 N
LONG 104 00 56 W
DRAINAGE AREA, 3 020 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	597	SEP	0
APR	716	OCT	0
MAY	0.08	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 380 dam³

SOURIS RIVER NEAR ROCHE PERCEE - STATION NO 05NB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	3.928	1.22	0.038	0.001	0.022	0	0	---	---	1
2	---	---	0.0108	5.168	0.823	0.036	0.001	0.007	0	0	---	---	2
3	---	---	0.0588	5.658	0.482	0.033	0	0.001	0	0	---	---	3
4	---	---	0.2348	4.698	0.398	0.032	0	0.001	0	0	---	---	4
5	---	---	0.3008	3.648	0.334	0.028	0	0.001	0	0	---	---	5
6	---	---	0.3808	2.73	0.285	0.025	0	0.001	0	0	---	---	6
7	---	---	0.5308	2.54	0.254	0.023	0	0	0	0	---	---	7
8	---	---	0.6538	2.47	0.202	0.019	0	0	0	0	---	---	8
9	---	---	0.4998	2.37	0.172	0.018	0.002	0	0	0	---	---	9
10	---	---	0.7148	2.44	0.164	0.015	0.027	0	0	0	---	---	10
11	---	---	0.5798	2.68	0.154	0.010	0.057	0	0	0	---	---	11
12	---	---	0.3848	2.77	0.143	0.009	0.032	0	0	0	---	---	12
13	---	---	0.2418	2.73	0.121	0.008	0.017	0	0	0	---	---	13
14	---	---	0.1638	2.57	0.120	0.007	0.008	0	0	0	---	---	14
15	---	---	0.1338	2.07	0.122	0.006	0.004	0	0	0	---	---	15
16	---	---	0.1128	2.44	0.132	0.005	0.003	0	0	0	---	---	16
17	---	---	0.0898	2.32	0.196	0.003	0.002	0	0	0	---	---	17
18	---	---	0.0818	2.20	0.274	0.003	0.003	0	0	0	---	---	18
19	---	---	0.0858	1.92	0.265	0.003	0.004	0	0	0	---	---	19
20	---	---	0.0838	1.66	0.244	0.002	0.003	0	0	0	---	---	20
21	---	---	1.05 B	1.41	0.220	0.002	0.003	0	0	0	---	---	21
22	---	---	4.31 B	1.51	0.206	0.002	0.003	0	0	0	---	---	22
23	---	---	5.75 B	1.34	0.178	0.002	0.002	0	0	0	---	---	23
24	---	---	7.02 B	1.09	0.110	0.001	0.002	0	0	0	---	---	24
25	---	0.0108	6.24 B	1.03	0.074	0.001	0.002	0	0	0	---	---	25
26	---	0.0118	8.23 B	1.13	0.066	0	0.002	0	0	0A	---	---	26
27	---	0.0118	7.71 B	1.87	0.063	0	0.002	0	0	0E	---	---	27
28	---	0.0108	4.89 B	2.37	0.054	0.001	0.001	0	0	0E	---	---	28
29	---		4.23 B	2.03	0.047	0.002	0.001	0	0	0E	---	---	29
30	---		4.19 B	1.70	0.041	0.002	0.100	0	0	0E	---	---	30
31	---		3.99 B		0.039		0.081	0		0E		---	31
TOTAL	---	---	80.768	74.43	7.203	0.337	0.343	0.033	0	0	---	---	TOTAL
MEAN	---	---	1.96	2.48	0.232	0.011	0.011	0.001	0	0	---	---	MEAN
MAX	---	---	7.71	5.65	1.22	0.038	0.100	0.024	0	0	---	---	MAX
MIN	---	---	0.010	1.03	0.039	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.584
MAXIMUM DAILY, 7.718 ON MAR 27
MINIMUM DAILY, 0 ON JUN 26
MAXIMUM INSTANTANEOUS,
9.018 AT 02 55 CST ON MAR 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 34 N
LONG 102 45 53 W
DRAINAGE AREA, 12 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	28.6
FEB	---	AUG	2.85
MAR	5 250	SEP	0
APR	6 430	OCT	0
MAY	622	NOV	---
JUN	29.1	DEC	---

TOTAL DISCHARGE, 12 400 dam³

SOURIS RIVER NEAR SHERWOOD - STATION NO 05ND007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0858	0.085	0.089	13.9 B	2.24	0.623	0.085	0.057	0.006	0.005	0.011	0.0058	1
2	0.0858	0.068	0.056	11.9 B	2.49	0.586	0.078	0.045	0.005	0.006	0.014	0.0058	2
3	0.0858	0.071	0.086	20.7 B	2.52	0.510	0.074	0.042	0.003	0.010	0.021	0.0048	3
4	0.0858	0.065	0.2078	38.4 B	2.38	0.471	0.071	0.040	0.002	0.010	0.059	0.0038	4
5	0.0858	0.085	0.7088	33.1 B	2.18	0.481	0.068	0.028	0.002	0.004	0.031	0.0038	5
6	0.088	0.071	1.33 B	34.9	1.95	0.538	0.082	0.024	0.003	0.004	0.013	0.0038	6
7	0.085	0.083	1.70	17.4	1.73	0.510	0.085	0.026	0.003	0.005	0.010	0.0028	7
8	0.085	0.110	2.27	13.7	1.59	0.453	0.079	0.024	0.004	0.009	0.014	0.0048	8
9	0.085	0.153	2.55	10.4	1.44	0.396	0.074	0.024	0.004	0.009	0.014	0.0078	9
10	0.082	0.340	2.69	8.21	1.30	0.398	0.085	0.022	0.004	0.010	0.018	0.0048	10
11	0.079	0.244	2.83	6.97	1.13	0.340	0.099	0.020	0.004	0.013	0.019	0.0038	11
12	0.082	0.198	2.97	6.06	1.05	0.311	0.113	0.018	0.004	0.019	0.021	0.0018	12
13	0.085	0.190	2.83	5.24	0.963	0.283	0.085	0.018	0.003	0.020	0.020	0 B	13
14	0.091	0.113	2.41	4.93	0.878	0.283	0.074	0.018	0.003	0.019	0.021	0 B	14
15	0.079	0.088	1.98 B	4.90	0.821	0.252	0.082	0.018	0.003	0.025	0.026	0 B	15
16	0.085	0.0798	1.84 B	4.73	0.821	0.228	0.057	0.020	0.003	0.034	0.026	0 B	16
17	0.0628	0.0788	1.70 B	4.56	0.878	0.221	0.051	0.018	0.004	0.040	0.028	0 B	17
18	0.0578	0.093	1.56 B	4.19	0.821	0.207	0.071	0.023	0.004	0.042	0.028	0 B	18
19	0.0628	0.085	1.42 B	3.79	0.785	0.187	0.099	0.017	0.003	0.042	0.028	0 B	19
20	0.0658	0.088	1.84 B	3.68	0.785	0.184	0.113	0.014	0.002	0.042	0.0258	0 B	20
21	0.0688	0.088	5.38 B	3.43	0.793	0.150	0.142	0.014	0.002	0.042	0.0238	0 B	21
22	0.0718	0.093	10.5 B	3.40	0.785	0.144	0.113	0.012	0.003	0.028	0.0208	0 B	22
23	0.0718	0.083	11.0 B	3.17	0.785	0.127	0.102	0.011	0.003	0.032	0.0178	0 B	23
24	0.0688	0.083	15.9 B	2.94	0.821	0.105	0.091	0.010	0.003	0.026	0.0148	0 B	24
25	0.0688	0.086	19.8 B	2.89	0.821	0.091	0.079	0.010	0.003	0.026	0.0118	0 B	25
26	0.0688	0.093	20.1 B	2.80	0.785	0.082	0.074	0.011	0.003	0.025	0.0108	0 B	26
27	0.0658	0.093	22.1 B	2.68	0.738	0.074	0.068	0.011	0.006	0.020	0.0088	0 B	27
28	0.0658	0.099	22.1 B	2.46	0.708	0.095	0.082	0.010	0.011	0.017	0.0078	0 B	28
29	0.0688		22.7 B	2.38	0.851	0.089	0.048	0.010	0.010	0.017	0.0078	0 B	29
30	0.071		20.4 B	2.15	0.651	0.083	0.085	0.009	0.010	0.018	0.0068	0 B	30
31	0.076		17.6 B		0.880		0.062	0.008		0.013		0 B	31
TOTAL	2.338	3.109	220.706	266.94	35.868	8.464	2.509	0.630	0.123	0.840	0.598	0.044	TOTAL
MEAN	0.075	0.111	7.12	8.90	1.19	0.282	0.081	0.020	0.004	0.021	0.019	0.001	MEAN
MAX	0.091	0.340	22.7	38.4	2.52	0.623	0.142	0.057	0.011	0.042	0.059	0.007	MAX
MIN	0.057	0.065	0.056	2.15	0.651	0.074	0.048	0.008	0.002	0.004	0.006	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.69
MAXIMUM DAILY, 38.48 ON APR 4
MINIMUM DAILY, 0B ON DEC 13
MAXIMUM INSTANTANEOUS,
38.88 AT 16 00 CST ON APR 4

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 24 N
LONG 101 57 28 W
DRAINAGE AREA, 22 400 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	503	JUL	217
FEB	269	AUG	54.4
MAR	19 100	SEP	10.6
APR	23 100	OCT	65.3
MAY	3 190	NOV	49.2
JUN	731	DEC	3.80

TOTAL DISCHARGE, 47 000 dam³

SOUTH SASKATCHEWAN RIVER AT SASKATOON - STATION NO. 05HG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		DAY
1	---	---	3818	235	B	91.8	56.1	55.5	55.0	58.0	125	174	178		1
2	---	---	3738	240	B	110	53.9	54.5	53.7	55.0	122	155	192		2
3	---	---	3658	233	B	108	52.4	55.5	54.2	51.8	125	145	192		3
4	---	---	3588	225	B	91.1	56.6	52.2	52.5	54.7	154	153	259		4
5	---	---	3488	208	B	86.9	51.6	53.1	56.5	56.1	170	138	231		5
6	---	---	3508	222	B	82.8	49.7	54.2	57.0	57.5	155	141	225		6
7	---	---	3278	211	B	89.5	48.9	56.2	53.7	58.1	164	159	178		7
8	---	---	3288	219		103	48.1	56.7	54.2	54.6	184	219	167		8
9	---	---	3098	201		116	45.8	59.7	54.8	56.4	189	237	200		9
10	---	---	3288	191		134	51.2	58.2	55.0	56.8	175	238	172		10
11	---	---	2868	203		119	50.1	56.5	55.0	83.0	169	228	189		11
12	---	---	2768	204		85.9	47.5	56.4	55.0	81.7	180	178	183		12
13	---	---	2798	196		98.5	48.6	54.1	55.0	58.8	135	169	147		13
14	---	---	2838	177		97.1	51.8	54.3	55.0	57.3	124	184	164		14
15	---	---	2838	171		74.7	49.0	49.8	83.0	58.7	155	160	94.7		15
16	---	---	2738	174		83.3	52.5	52.9	55.0	58.3	173	168	179		16
17	---	---	2788	172		81.3	47.2	53.9	55.0	57.4	170	173	189		17
18	---	---	2728	143		98.2	49.0	80.3	56.0	53.2	169	223	205		18
19	---	---	2728	142		119	51.3	58.1	55.0	56.1	170	233	227		19
20	---	---	2738	146		83.5	50.3	62.3	56.0	59.6	171	187	189		20
21	---	---	2738	181		77.5	54.7	59.0	56.0	58.0	169	196	129		21
22	---	---	2718	153		86.4	52.7	56.1	55.0	53.0	167	251	154		22
23	---	---	2468	147		114	48.6	56.8	55.0	68.0	171	240	158	B	23
24	---	---	2468	185		121	50.1	58.5	56.0	101	188	212	158	B	24
25	---	---	2478	179		117	47.7	57.3	56.0	148	166	225	156	B	25
26	---	---	2458	159		108	50.0	57.4	55.0	184	186	234	155	B	26
27	---	---	2458	138		126	50.8	54.0	54.0	209	163	192	157	B	27
28	---	---	2488	127		117	52.4	52.1	54.0	171	177	188	156	B	28
29	---		2488	102		100	53.8	51.4	55.0	170	176	187	158	B	29
30	---		2478	98.3		88.7	54.8	51.7	56.0	168	182	171	156	B	30
31	---		2478			89.3		54.8	56.0		158		156	B	31
TOTAL	---	---	8 998	5 330.3		3 080.5	1 528.8	1 727.7	1 713.8	2 471.3	4 980	5 782	5 344.7		TOTAL
MEAN	---	---	290	178		99.4	50.9	55.7	55.3	82.4	161	192	172		MEAN
MAX	---	---	373	240		134	58.8	62.3	83.0	209	189	251	259		MAX
MIN	---	---	245	98.3		89.3	45.8	49.8	52.5	51.8	122	138	94.7		MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 45.8 ON JUN 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 28 N
LONG 106 38 40 W
DRAINAGE AREA, 141 000 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	149 000
FEB	---	AUG	148 000
MAR	777 000	SEP	214 000
APR	481 000	OCT	430 000
MAY	264 000	NOV	498 000
JUN	132 000	DEC	482 000

REMARKS - DATA FOR THE PERIOD JANUARY 1 TO FEBRUARY 28 NOT COMPUTED BECAUSE OF HIGHLY VARIABLE UNVERFIED BACKWATER CONDITIONS

SOUTH SASKATCHEWAN RIVER AT ST. LOUIS - STATION NO. 05HH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		DAY
1	2448	2778	3188	2608	89.8	84.0	57.9	58.0	58.5	171	149	173	B	1
2	2428	2808	3018	2618	88.0	58.3	56.7	60.4	58.6	163	171	178	B	2
3	2408	2838	3408	2318	88.6	53.5	58.9	84.1	57.9	116	149	181	B	3
4	2218	2838	3348	2148	104	52.3	60.5	83.0	57.8	114	156	188	B	4
5	2328	2948	3238	2118	93.2	48.8	59.3	81.3	57.7	129	138	238	B	5
6	2368	3048	3428	2198	81.8	54.9	58.2	59.8	85.0	156	151	258	B	6
7	2368	3068	3548	2188	80.8	50.0	58.1	62.9	60.4	147	150	230	B	7
8	2338	3138	3408	2228	80.2	49.2	58.9	61.1	59.0	147	181	221	B	8
9	2338	3178	3188	1988	87.8	47.1	60.8	58.3	59.8	155	197	178	B	9
10	2278	3238	2468	1748	98.7	47.8	62.0	62.3	59.6	178	244	186	B	10
11	2178	3238	2218	1648	124	47.0	63.9	83.1	59.9	180	234	213	B	11
12	2198	3278	2458	1748	128	48.8	63.5	82.3	59.7	167	231	194	B	12
13	2348	3148	2568	1928	104	48.5	61.4	63.0	63.8	153	184	192	B	13
14	2398	3008	2518	1688	88.1	47.1	62.3	61.7	63.5	143	156	194	B	14
15	2378	3118	2848	1738	112	47.0	60.8	60.5	61.4	121	150	132	B	15
16	2438	2888	2578	188	83.8	51.6	59.2	60.8	60.7	128	154	94.9	B	16
17	2098	2808	2488	163	76.8	51.5	57.5	64.1	58.8	165	156	82.8	B	17
18	2178	3088	2568	166	85.8	52.4	58.1	58.2	59.5	167	173	220	B	18
19	2458	3218	2528	151	83.5	48.1	84.5	62.4	60.2	150	208	242	B	19
20	2508	3278	2578	137	110	50.5	71.5	62.3	57.8	181	244	238	B	20
21	2488	3258	2578	138	108	54.4	58.3	63.8	58.9	159	241	230	B	21
22	2358	3158	2578	137	81.1	52.9	58.7	60.6	63.4	167	2008	197	B	22
23	2398	3198	2508	150	77.0	58.5	58.6	58.3	60.8	162	1778	187	B	23
24	2518	3238	2328	144	81.9	54.1	65.6	58.7	58.5	164	2198	150	B	24
25	2528	3198	2238	148	108	51.6	64.8	55.4	73.5	184	1858	183	B	25
26	2388	3088	2308	181	118	49.7	67.3	58.0	117	184	2048	181	B	26
27	2388	2978	2248	167	105	49.7	67.0	58.2	188	187	2098	179	B	27
28	2448	3018	2238	125	112	51.7	65.1	57.6	207	158	2138	221	B	28
29	2548		2208	121	125	53.2	62.1	59.4	184	167	1858	242	B	29
30	2678		2038	108	108	55.8	64.4	58.8	165	172	1818	245	B	30
31	2718		2638		84.3		60.0	58.2		180		235	B	31
TOTAL	7 391	8 588	8 311	5 245	3 004.8	1 545.0	1 935.8	1 885.4	2 351.7	4 804	5 800	6 055.5		TOTAL
MEAN	238	307	268	175	96.9	51.7	62.4	60.8	78.4	155	187	195		MEAN
MAX	271	327	358	261	128	84.0	71.5	58.2	207	180	244	258		MAX
MIN	209	277	203	108	76.8	47.0	58.7	55.4	58.5	114	138	82.8		MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 155
MAXIMUM DAILY, 3588 ON MAR 7
MINIMUM DAILY, 47.0 ON JUN 11
MAXIMUM INSTANTANEOUS, 3628 AT 17 02 CST ON MAR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 25 N
LONG 105 48 20 W
DRAINAGE AREA, 148 000 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	639 000	JUL	187 000
FEB	742 000	AUG	183 000
MAR	718 000	SEP	203 000
APR	453 000	OCT	415 000
MAY	280 000	NOV	484 000
JUN	134 000	DEC	523 000

TOTAL DISCHARGE, 4 900 000 dam³

SOUTH SASKATCHEWAN RIVER BELOW GARDINER DAM - STATION NO. 05HF004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.826	1.887	1.832	1.432A	---	0.767	0.773	0.741A	0.712A	---	1.217	1.229	1
2	1.872	1.885	1.829	1.395A	---	0.818	0.743	0.729A	0.814	---	1.181	1.525	2
3	1.864	1.890	1.811	1.404A	---	0.750	0.739	0.758A	0.728	---	1.176	1.537	3
4	1.883	1.887	1.771	1.402A	---	0.742	0.738	0.748A	0.768	---	1.303	1.414	4
5	1.881	1.887	1.784	1.446A	---	0.761	0.754	0.727A	0.745	---	1.220	1.278	5
6	1.859	1.884	1.756	1.433A	---	0.785	0.788	0.732A	0.742	---	1.239	1.260	6
7	1.881	1.893	1.714	1.353A	---	0.721	0.755	0.748A	0.740	---	1.538	1.329	7
8	1.859	1.877	1.685	1.425A	---	0.768	0.737	0.743A	0.685	---	1.493	1.321	8
9	1.884	1.885	1.851	1.385A	---	0.744	0.755	0.748A	0.794	---	1.506	1.268	9
10	1.884	1.859	1.838	1.410A	---	0.750	0.784	0.782A	0.759	---	1.308	1.215	10
11	1.858	1.804	1.834	1.312A	---	0.772	0.744	0.760A	0.733	---	1.288	1.243	11
12	1.856	1.832	1.848A	1.329A	---	0.794	0.764	0.726A	0.752	---	1.219	1.224	12
13	1.873	1.829	1.835A	1.211A	0.880	0.748	0.737	0.758A	0.719	---	1.187	1.275	13
14	1.741	1.826	1.823A	1.281A	0.923	0.783	0.755	0.784A	0.735	---	1.319	1.522	14
15	1.851	1.831	1.837A	1.285A	0.840	0.727	0.735	0.731A	0.754	---	1.271	1.432	15
16	1.831A	1.826	1.822A	1.263A	0.985	0.783	0.815A	0.754A	0.724	---	1.386	1.478	16
17	1.806A	1.835	1.818	1.178A	1.071	0.778	0.718	0.755A	0.749	---	1.488	1.508	17
18	1.782A	1.826	1.821	1.190A	0.885	0.755	0.788	0.748A	0.772	---	1.312	1.293	18
19	1.809A	1.826	1.809	1.144A	0.892	0.747	0.751	0.751A	0.742	---	1.261	1.226	19
20	1.810A	1.834	1.811	1.304A	0.930	0.742	0.788A	0.748A	0.717	---	1.388	1.259	20
21	1.857A	1.829	1.843A	1.321A	1.078	0.735	0.784A	0.733A	0.876	---	1.591	1.280	21
22	1.812A	1.827	1.550	1.304A	1.043	0.767	0.738A	0.760A	1.016	---	1.240	1.275	22
23	1.765A	1.827	1.574A	1.304A	1.061	0.733	0.733A	0.711A	1.188	---	1.517	1.257	23
24	1.742A	1.826	1.508	1.233A	0.972	0.778	0.788	0.723A	1.253	---	1.415	1.292	24
25	1.794A	1.827	1.548	1.048A	1.078	0.785	0.728	0.760A	1.381	---	1.386	1.265	25
26	1.781A	1.827	1.553	1.121A	0.988	0.758	0.741	0.718A	1.187	---	1.244	1.269	26
27	1.819	1.813	1.587A	1.070A	0.944	0.754	0.747	0.755A	1.211	---	1.285	1.221	27
28	1.837	1.834	1.619A	0.987A	0.808	0.758	0.735	0.767A	1.252	1.240	1.261	1.210	28
29	1.835		1.484A	0.914A	0.771	0.748	0.727	0.803A	---	1.173	1.251	1.270	29
30	1.820		1.458A	---	0.758	0.755A	0.767	0.745A	---	1.358	1.258	1.512	30
31	1.842		1.503A		0.758		0.723	0.735A		1.188		1.593A	31
MEAN	1.748	1.846	1.832	---	---	0.759	0.750	0.748	---	---	1.325	1.332	MEAN
MAX	1.857	1.893	1.829	---	---	0.818	0.815	0.803	---	---	1.591	1.593	MAX
MIN	1.826	1.804	1.458	---	---	0.721	0.718	0.711	---	---	1.176	1.210	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 1.893 ON FEB 7
MINIMUM DAILY, 0.685 ON SEP 8
MAXIMUM INSTANTANEOUS,
2.034 AT 23:35 CST ON DEC 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 19 20 N
LONG 106 57 19 W

A - MANUAL GAUGE

REGULATED SINCE 1964

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 495.824 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
136 000 km²

SPANGLER DITCH NEAR COVENLOCK - STATION NO. 11AB080

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0.545	0	0	0	---	---	10
11	---	---	0	0	0	0	0.978	0	0	0	---	---	11
12	---	---	0	0	0	0	1.02	0	0	0	---	---	12
13	---	---	0	0	0	0	1.01	0	0	0	---	---	13
14	---	---	0	0	0	0	1.01	0	0	0	---	---	14
15	---	---	0	0	0	0	0.996	0	0	0	---	---	15
16	---	---	0	0	0.907	0	0.982	0	0	0	---	---	16
17	---	---	0	0	1.02	0	0.977	0	0	0	---	---	17
18	---	---	0	0	1.22	0	0.977	0	0	0	---	---	18
19	---	---	0	0	1.33	0	0.976	0	0	0	---	---	19
20	---	---	0	0	1.32	0	0.958	0	0	0	---	---	20
21	---	---	0	0	1.33	0	0.948	0	0	0	---	---	21
22	---	---	0	0	1.33	0	0.818	0	0	0	---	---	22
23	---	---	0	0	1.33	0	0.478	0	0	0	---	---	23
24	---	---	0	0	1.33	0	0.205	0	0	0	---	---	24
25	---	---	0	0	1.28	0	0	0	0	0	---	---	25
26	---	0	0	0	0.863	0	0	0	0	0	---	---	26
27	---	0	0	0	0.228	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0	---	---	31
TOTAL	---	---	0	0	16.838	0	12.872	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.478	0	0.415	0	0	0	---	---	MEAN
MAX	---	---	0	0	1.33	0	1.02	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.113
MAXIMUM DAILY, 1.33 ON MAY 18
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 15 N
LONG 109 54 58 W

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 110
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 280	NOV	---
JUN	0	DEC	---

REGULATED

TOTAL DISCHARGE, 2 390 dam³

SPIRIT CREEK NEAR BUCHANAN - STATION NO. 05MB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0918	0.040	0.177	0	0	0	0	---	---	1
2	---	---	0 B	0.0978	0.038	0.156	0	0	0	0	---	---	2
3	---	---	0 B	0.2418	0.039	0.113	0	0	0	0	---	---	3
4	---	---	0 B	3.44 B	0.038	0.082	0	0	0	0	---	---	4
5	---	---	0 B	10.6 B	0.034	0.075	0	0	0	0	---	---	5
6	---	---	0 B	10.1	0.032	0.082	0	0	0	0	---	---	6
7	---	---	0 B	8.14	0.031	0.061	0	0	0	0	---	---	7
8	---	---	0 B	5.98	0.031	0.045	0	0	0	0	---	---	8
9	---	---	0 B	3.85	0.030	0.038	0	0	0	0	---	---	9
10	---	---	0 B	2.38	0.029	0.033	0	0	0	0	---	---	10
11	---	---	0 B	1.87	0.028	0.031	0	0	0	0	---	---	11
12	---	---	0 B	1.88	0.028	0.028	0	0	0	0	---	---	12
13	---	---	0 B	1.40	0.026	0.020	0	0	0	0	---	---	13
14	---	---	0 B	1.13	0.024	0.014	0	0	0	0	---	---	14
15	---	---	0 B	0.914	0.022	0.010	0	0	0	0	---	---	15
16	---	---	0 B	0.732	0.020	0.007	0	0	0	0	---	---	16
17	---	---	0 B	0.604	0.018	0.005	0	0	0	0	---	---	17
18	---	---	0 B	0.442	0.018	0.003	0	0	0	0	---	---	18
19	---	---	0 B	0.420	0.018	0.002	0	0	0	0	---	---	19
20	---	---	0 B	0.372	0.020	0.001	0	0	0	0	---	---	20
21	---	---	0 B	0.288	0.017	0.001	0	0	0	0	---	---	21
22	---	---	0 B	0.245	0.014	0.001	0	0	0	0	---	---	22
23	---	---	0 B	0.204	0.012	0	0	0	0	0	---	---	23
24	---	---	0 B	0.155	0.011	0	0	0	0	0	---	---	24
25	---	---	0 B	0.128	0.010	0	0	0	0	0	---	---	25
26	---	---	0 B	0.104	0.009	0	0	0	0	0	---	---	26
27	---	---	0 B	0.077	0.008	0	0	0	0	0	---	---	27
28	---	---	0.0148	0.042	0.010	0	0	0	0	0	---	---	28
29	---		0.0718	0.042	0.015	0	0	0	0	0	---	---	29
30	---		0.0708	0.041	0.041	0	0	0	0	0	---	---	30
31	---		0.0838		0.085		0	0		0	---	---	31
TOTAL	---	---	0.238	55.109	0.755	0.953	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.008	1.84	0.026	0.032	0	0	0	0	---	---	MEAN
MAX	---	---	0.083	10.6	0.085	0.177	0	0	0	0	---	---	MAX
MIN	---	---	0	0.041	0.008	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.233
MAXIMUM DAILY, 10.88 ON APR 5
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
13.98 AT 00:48 CST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 36 N
LONG 102 46 21 W
DRAINAGE AREA, 269 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	20.6	SEP	0
APR	4 780	OCT	0
MAY	66.8	NOV	---
JUN	82.3	DEC	---

TOTAL DISCHARGE, 4 930 dam³

SPRUCE RIVER BELOW ANGLIN LAKE RESERVOIR - STATION NO. 05GC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.038	0.038E	0.081E	0.141	0.610	0.218E	0.150E	0.150E	0.150E	0.150E	0.150E	0.018E	1
2	0.028	0.038E	0.083E	0.131	0.573	0.210E	0.150E	0.150E	0.150E	0.150E	0.150E	0.018E	2
3	0.026	0.039E	0.084E	0.140	0.587	0.206E	0.150E	0.150E	0.150E	0.150E	0.150E	0.018E	3
4	0.023	0.040E	0.086E	0.156	0.537	0.202E	0.150E	0.150E	0.150E	0.150E	0.150E	0.018E	4
5	0.021	0.042E	0.088E	0.173	0.585	0.198E	0.150E	0.150E	0.150E	0.150E	0.150E	0.018E	5
6	0.021	0.044E	0.089E	0.195	0.515	0.194E	0.150E	0.150E	0.150E	0.150E	0.080E	0.018E	6
7	0.021	0.045E	0.090E	0.244	0.459	0.190E	0.150E	0.150E	0.150E	0.150E	0.018E	0.018E	7
8	0.020	0.047E	0.092E	0.312	0.486	0.187E	0.150E	0.150E	0.150E	0.150E	0.018E	0.018E	8
9	0.020	0.049E	0.094E	0.888	0.448	0.184E	0.150E	0.150E	0.150E	0.150E	0.018E	0.018E	9
10	0.020	0.051E	0.095E	1.19	0.451	0.181E	0.150E	0.150E	0.150E	0.150E	0.018E	0.018E	10
11	0.030	0.053E	0.097E	1.20	0.413	0.178E	0.150E	0.150E	0.210E	0.150E	0.018E	0.018E	11
12	0.021	0.054E	0.099E	0.990	0.388	0.176E	0.150E	0.150E	0.300E	0.150E	0.018E	0.018E	12
13	0.020	0.056E	0.100E	0.932	0.3708	0.174E	0.160E	0.150E	0.300E	0.150E	0.018E	0.018E	13
14	0.020	0.058E	0.102E	0.874	0.360E	0.171E	0.150E	0.150E	0.500E	0.150E	0.018E	0.018E	14
15	0.020E	0.060E	0.104E	0.811	0.350E	0.169E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	15
16	0.020E	0.061E	0.148	1.01	0.337E	0.167E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	16
17	0.021E	0.063E	0.141	1.08	0.328E	0.166E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	17
18	0.021E	0.064E	0.135	1.11	0.318E	0.164E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	18
19	0.022E	0.065E	0.139	1.16	0.308E	0.162E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	19
20	0.022E	0.066E	0.145	1.22	0.300E	0.160E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	20
21	0.023E	0.067E	0.136	1.22	0.290E	0.159E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	21
22	0.024E	0.068E	0.139	1.23	0.281E	0.158E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	22
23	0.025E	0.070E	0.147	0.974	0.272E	0.157E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	23
24	0.026E	0.072E	0.152	0.671	0.265E	0.156E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	24
25	0.027E	0.073E	0.148	0.682	0.259E	0.155E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	25
26	0.028E	0.075E	0.148	0.702	0.251E	0.154E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	26
27	0.030E	0.078E	0.149	0.684	0.245E	0.153E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	27
28	0.031E	0.078E	0.137	0.726	0.238E	0.152E	0.150E	0.150E	0.850E	0.150E	0.018E	0.018E	28
29	0.032E		0.141	0.681	0.233E	0.151E	0.150E	0.150E	0.350E	0.150E	0.018E	0.018E	29
30	0.033E		0.137	0.651	0.224E	0.151E	0.150E	0.150E	0.220E	0.150E	0.018E	0.018E	30
31	0.035E		0.140		0.222E		0.150E	0.150E		0.150E		0.018E	31
TOTAL	0.748	1.810	3.884	32.082	11.436	5.202	4.650	4.650	15.280	4.650	1.232	0.568	TOTAL
MEAN	0.024	0.058	0.118	0.735	0.369	0.173	0.150	0.150	0.509	0.150	0.041	0.018	MEAN
MAX	0.035	0.078	0.152	1.23	0.610	0.218	0.150	0.150	0.850	0.150	0.150	0.018	MAX
MIN	0.020	0.038	0.081	0.131	0.222	0.151	0.150	0.150	0.150	0.150	0.018	0.018	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.208
MAXIMUM DAILY, 1.23 ON APR 22
MINIMUM DAILY, 0.018E ON NOV 7
MAXIMUM INSTANTANEOUS,
1.30 AT 08:29 CST ON APR 11

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 50 N
LONG 105 00 30 W
DRAINAGE AREA, 870 km²

E - ESTIMATED
REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	64.7	JUL	402
FEB	139	AUG	402
MAR	317	SEP	1 320
APR	1 910	OCT	402
MAY	988	NOV	106
JUN	448	DEC	48.2

TOTAL DISCHARGE, 6 550 dam³

REMARKS - DATA QUALITY VERY POOR DUE TO BEAVER ACTIVITY

SPRUCE RIVER DIVERSION TO EMMA LAKE - STATION NO. 06EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.557	0.521	0.518	0	0	0	0.549	---	1
2	---	---	0	0	0.548	0.394	0.521	0	0	0.225	0.550	---	2
3	---	---	0	0	0.529	0.290	0.271	0	0	0.532	0.549	---	3
4	---	---	0	0	0.480	0.538	0	0	0	0.534	0.552	---	4
5	---	---	0	0	0.528	0.540	0	0	0	0.537	0.552	---	5
6	---	---	0	0	0.525	0.541	0	0	0	0.535	0.256	---	6
7	---	---	0	0	0.524	0.548	0	0	0	0.538	0	---	7
8	---	---	0	0	0.523	0.544	0	0	0	0.538	0	---	8
9	---	---	0	0	0.518	0.549	0	0	0	0.539	0	---	9
10	---	---	0	0	0.516	0.554	0	0	0	0.540	0	---	10
11	---	---	0	0	0.513	0.555	0	0	0	0.539	0	---	11
12	---	---	0	0	0.509	0.547	0	0	0	0.543	0	---	12
13	---	---	0	0	0.511	0.537	0	0	0	0.544	0	---	13
14	---	---	0	0	0.511	0.530	0	0	0	0.547	0	---	14
15	---	---	0	0	0.515	0.533	0	0	0	0.550	0	---	15
16	---	---	0	0	0.517	0.533	0	0	0	0.549	0	---	16
17	---	---	0	0	0.521	0.530	0	0	0	0.548	0	---	17
18	---	---	0	0	0.520	0.526	0	0	0	0.550	0	---	18
19	---	---	0	0	0.520	0.525	0	0	0	0.550	0	---	19
20	---	---	0	0	0.523	0.525	0	0	0	0.548	0	---	20
21	---	---	0	0	0.521	0.531	0	0	0	0.552	0	---	21
22	---	---	0	0	0.525	0.533	0	0	0	0.550	0	---	22
23	---	---	0	0	0.525	0.530	0	0	0	0.549	0	---	23
24	---	---	0	0	0.526	0.532	0	0	0	0.549	0	---	24
25	---	---	0	0	0.524	0.532	0	0	0	0.547	0	---	25
26	---	---	0	0	0.529	0.530	0	0	0	0.548	0	---	26
27	---	---	0	0	0.531	0.529	0	0	0	0.552	0	---	27
28	---	---	0	0.344	0.533	0.524	0	0	0	0.551	0	---	28
29	---		0	0.551	0.531	0.524	0	0	0	0.554	0	---	29
30	---		0	0.542	0.532	0.522	0	0	0	0.555	0	---	30
31	---		0		0.531		0	0		0.554		---	31
TOTAL	---	---	0	1.437	16.213	15.656	1.311	0	0	16.047	3.006	---	TOTAL
MEAN	---	---	0	0.048	0.523	0.522	0.042	0	0	0.518	0.100	---	MEAN
MAX	---	---	0	0.551	0.557	0.555	0.521	0	0	0.555	0.552	---	MAX
MIN	---	---	0	0	0.480	0.290	0	0	0	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.207
MAXIMUM DAILY, 0.557 ON MAY 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.578 AT 23:07 CST ON APR 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 40 20 N
LONG 106 00 00 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	113
FEB	---	AUG	0
MAR	0	SEP	0
APR	124	OCT	1 380
MAY	1 400	NOV	260
JUN	1 350	DEC	---

TOTAL DISCHARGE, 4 380 dam³

SQUAW COULEE NEAR WILLOW CREEK - STATION NO. 11AB103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.030	0	0	0	0	---	---	1
2	---	---	0	0	0	0.017	0	0	0	0	---	---	2
3	---	---	0	0	0	0.010	0	0	0	0	---	---	3
4	---	---	0	0	0	0.007	0	0	0	0	---	---	4
5	---	---	0	0	0	0.004	0	0	0	0	---	---	5
6	---	---	0	0	0	0.002	0	0	0	0	---	---	6
7	---	---	0	0.016	0	0.001	0	0	0	0	---	---	7
8	---	---	0	0.018	0	0	0	0	0	0	---	---	8
9	---	---	0	0.014	0	0	0	0	0	0	---	---	9
10	---	---	0	0.012	0	0	0	0	0	0	---	---	10
11	---	0	0	0.010	0	0	0	0	0	0	---	---	11
12	---	0	0	0.008	0	0	0	0	0	0	---	---	12
13	---	0	0	0.008	0	0	0	0	0	0	---	---	13
14	---	0	0	0.008	0	0	0	0	0	0	---	---	14
15	---	0	0	0.008	0	0	0	0	0	0	---	---	15
16	---	0	0	0.004	0	0	0	0	0	0	---	---	16
17	---	0	0	0.004	0	0	0	0	0	0	---	---	17
18	---	0	0	0.003	0	0	0	0	0	0	---	---	18
19	---	0	0	0.002	0	0	0	0	0	0	---	---	19
20	---	0	0	0.002	0	0	0	0	0	0	---	---	20
21	---	0	0	0.002	0	0	0	0	0	0	---	---	21
22	---	0	0	0.001	0	0	0	0	0	0	---	---	22
23	---	0	0	0.001	0	0	0	0	0	0	---	---	23
24	---	0	0	0.002	0	0	0	0	0	0	---	---	24
25	---	0	0	0.001	0	0	0.003	0	0	0	---	---	25
26	---	0	0	0.001	0.128	0	0.022	0	0	0	---	---	26
27	---	0	0	0.001	0.234	0	0.013	0	0	0	---	---	27
28	---	0	0	0.001	0.210	0	0.008	0	0	0	---	---	28
29	---		0	0.001	0.142	0	0.004	0	0	0	---	---	29
30	---		0	0	0.086	0	0.002	0	0	0	---	---	30
31	---		0		0.049		0	0		0		---	31
TOTAL	---	---	0	0.120	0.847	0.071	0.052	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.004	0.027	0.002	0.002	0	0	0	---	---	MEAN
MAX	---	---	0	0.016	0.234	0.030	0.022	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.234 ON MAY 27
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.244 AT 11:10 CST ON MAY 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 11 N
LONG 109 48 23 W
DRAINAGE AREA, 103 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4.49
FEB	---	AUG	0
MAR	0	SEP	0
APR	10.4	OCT	0
MAY	73.2	NOV	---
JUN	5.13	DEC	---

TOTAL DISCHARGE, 94.2 dam³

STOCKHOLM INDEX RESERVOIR - STATION NO 05JM019

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	28.033	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	28.857	---	---	---	---	---	---	---	---	---	23
24	---	27.174	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	28.809	---	---	---	---	27.426	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	27.175E	---	28.882	---	---	---	---	27.527	---	---	---	28
29	---	---	---	---	---	28.310	---	---	---	---	---	---	29
30	---		29.072	28.884E	---	28.305E	---	---	27.520E	---	---	---	30
31	---		29.130E		28.585E		28.088E	27.711		27.405E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 45 06 N
LONG 102 18 51 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

STONY CREEK NEAR KAMSACK - STATION NO. 05MD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0168	0.1758	0.088	0.027	0.004	0.003	0.003	0.005	0.033	---	1
2	---	---	0.0158	0.3868	0.068	0.085	0.003	0.003	0.003	0.005	0.028	---	2
3	---	---	0.0158	0.9288	0.040	0.147	0.049	0.003	0.002	0.004	0.021	---	3
4	---	---	0.0158	2.80 B	0.031	0.053	0.013	0.002	0.002	0.004	0.026A	---	4
5	---	---	0.0168	4.72 B	0.026	0.018	0.004	0.003	0.002	0.004	---	---	5
6	---	---	0.0118	5.83	0.028	0.005	0.075	0.004	0.002	0.004	---	---	6
7	---	---	0.0198	5.16	0.025	0.003	0.239	0.002	0.002	0.003	---	---	7
8	---	---	0.0178	4.27	0.023	0.005	0.183	0.003	0.002	0.003	---	---	8
9	---	---	0.0228	3.17	0.051	0.004	0.166	0.003	0.002	0.003	---	---	9
10	---	---	0.0258	2.57	0.070	0.003	0.083	0.004	0.002	0.002	---	---	10
11	---	---	0.0208	2.06	0.027	0.003	0.048	0.004	0.002	0.002	---	---	11
12	---	---	0.0218	1.71	0.012	0.004	0.017	0.003	0.002	0.031	---	---	12
13	---	---	0.0158	1.38	0.009	0.009	0.058	0.003	0.002	0.003	---	---	13
14	---	---	0.0148	1.13	0.010	0.021	0.323	0.003	0.002	0.003	---	---	14
15	---	---	0.0128	0.917	0.007	0.009	0.012	0.004	0.002	0.003	---	---	15
16	---	---	0.0118	0.698	0.004	0.204	0.008	0.004	0.002	0.003	---	---	16
17	---	---	0.0128	0.548	0.004	0.373	0.003	0.003	0.002	0.003	---	---	17
18	---	---	0.0148	0.434	0.003	0.334	0.002	0.003	0.002	0.003	---	---	18
19	---	---	0.0188	0.380	0.003	0.454	0.004	0.003	0.002	0.003	---	---	19
20	---	---	0.0158	0.297	0.004	0.509	0.003	0.002	0.002	0.003	---	---	20
21	---	---	0.0848	0.271	0.003	0.136	0.003	0.002	0.002	0.003	---	---	21
22	---	---	0.1308	0.238	0.003	0.184	0.022	0.002	0.002	0.003	---	---	22
23	---	---	0.2508	0.174	0.002	0.223	0.048	0.002	0.002	0.003	---	---	23
24	---	---	0.5118	0.147	0.007	0.117	0.015	0.002	0.002	0.004	---	---	24
25	---	---	0.7138	0.098	0.014	0.061	0.008	0.002	0.002	0.016	---	---	25
26	---	---	0.5858	0.088	0.004	0.026	0.005	0.003	0.002	0.021	---	---	26
27	---	---	0.4758	0.121	0.002	0.008	0.003	0.002	0.002	0.042	---	---	27
28	---	---	0.3008	0.101	0.002	0.004	0.003	0.003	0.002	0.066	---	---	28
29	---		0.1618	0.083	0.036	0.003	0.002	0.004	0.003	0.046	---	---	29
30	---		0.1208	0.074	0.022	0.003	0.002	0.003	0.004	0.033	---	---	30
31	---		0.1388		0.004		0.002	0.003		0.028		---	31
TOTAL	---	---	3.770	41.949	0.593	3.016	1.401	0.090	0.065	0.356	---	---	TOTAL
MEAN	---	---	0.122	1.40	0.019	0.101	0.045	0.003	0.002	0.012	---	---	MEAN
MAX	---	---	0.712	5.16	0.070	0.509	0.323	0.004	0.004	0.066	---	---	MAX
MIN	---	---	0.011	0.074	0.002	0.003	0.002	0.002	0.002	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.209
MAXIMUM DAILY, 5.16 ON APR 7
MINIMUM DAILY, 0.002 ON MAY 23
MAXIMUM INSTANTANEOUS
7.11 AT 22 01 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 19 N
LONG 101 50 19 W
DRAINAGE AREA 445 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	121
FEB	---	AUG	7 78
MAR	326	SEP	5 62
APR	3 620	OCT	31 6
MAY	51 2	NOV	---
JUN	26	DEC	---

TOTAL DISCHARGE 4 420 dam³

STONY CREEK NEAR STENEN - STATION NO 05MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0 B	0.344	0.001	0	0	0.001	0	0.003	---	1
2	---	---	0.000	0 B	0.301	0.001	0	0	0	0	0.003	---	2
3	---	---	0.000	0 B	0.280	0.001	0	0	0	0	0.003A	---	3
4	---	---	0.000	0 B	0.228	0	0	0	0	0	---	---	4
5	---	---	0.000	0.0618	0.202	0	0	0	0	0	---	---	5
6	---	---	0.000	0.397	0.180	0.001	0.001	0	0	0	---	---	6
7	---	---	0.000	1.24	0.150	0	0.003	0	0	0	---	---	7
8	---	---	0.000	3.05	0.125	0	0.001	0	0	0	---	---	8
9	---	---	0.000	4.30	0.108	0	0.002	0	0	0	---	---	9
10	---	---	0.000	5.00	0.092	0	0.005	0	0	0	---	---	10
11	---	---	0.000	4.83	0.080	0	0.004	0	0	0	---	---	11
12	---	---	0.000	4.81	0.068	0	0.004	0	0	0	---	---	12
13	---	---	0.000	4.83	0.058	0	0.005	0	0	0	---	---	13
14	---	---	0.000	4.72	0.100	0	0.004	0	0	0	---	---	14
15	---	---	0.000	4.39	0.080	0	0.004	0	0	0	---	---	15
16	---	---	0.000	4.05	0.058	0	0.003	0	0	0	---	---	16
17	---	---	0.000	3.34	0.040	0	0.002	0	0	0	---	---	17
18	---	---	0.000	2.71	0.030	0	0.001	0.085	0	0	---	---	18
19	---	---	0.000	2.21	0.027	0	0.001	0.024	0	0	---	---	19
20	---	---	0.000	1.85	0.024	0	0	0.010	0	0	---	---	20
21	---	---	0.000	1.61	0.022	0	0	0.009	0	0	---	---	21
22	---	---	0.000	1.39	0.019	0	0	0.007	0	0.002	---	---	22
23	---	---	0.000	1.21	0.016	0	0	0.005	0	0.011	---	---	23
24	---	---	0.000	1.05	0.012	0	0	0.003	0	0.005	---	---	24
25	---	---	0.000	0.922	0.010	0	0	0.003	0	0.004	---	---	25
26	---	---	0.000	0.800	0.008	0	0	0.004	0	0.004	---	---	26
27	---	---	0.000	0.693	0.006	0	0	0.003	0	0.004	---	---	27
28	---	---	0.000	0.595	0.020	0	0	0.002	0	0.004	---	---	28
29	---		0.000	0.507	0.013	0	0	0.002	0	0.004	---	---	29
30	---		0.000	0.418	0.007	0	0	0.001	0	0.003	---	---	30
31	---		0.000		0.002		0	0.001		0.003		---	31
TOTAL	---	---	0	81.011	2.588	0.004	0.040	0.189	0.001	0.044	---	---	TOTAL
MEAN	---	---	0	2.03	0.087	0	0.001	0.005	0	0.001	---	---	MEAN
MAX	---	---	0	5.00	0.344	0.001	0.005	0.085	0.001	0.011	---	---	MAX
MIN	---	---	0	0	0.002	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.261
MAXIMUM DAILY, 5.00 ON APR 10
MINIMUM DAILY, 0.000 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.05 AT 09:11 CST ON APR 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 58 N
LONG 102 19 48 W
DRAINAGE AREA, 293 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3.46
FEB	---	AUG	13.7
MAR	0	SEP	0.09
APR	5 270	OCT	3.80
MAY	232	NOV	---
JUN	0.35	DEC	---

TOTAL DISCHARGE, 5 520 dam³

STURGEON LAKE NEAR PRINCE ALBERT - STATION NO 05GF003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	7.717	7.628	7.658	---	---	---	---	1
2	---	---	---	---	---	7.707	7.628	7.658	---	---	---	---	2
3	---	---	---	---	---	7.707	7.628	7.658	---	---	---	---	3
4	---	---	---	---	---	7.697	7.628	7.658	---	---	---	---	4
5	---	---	---	---	7.850	7.687	7.628	7.648	---	---	---	---	5
6	---	---	---	---	7.848	7.687	7.628	7.648	---	---	---	---	6
7	---	---	---	---	7.837	7.687	7.628	7.638	---	---	---	---	7
8	---	---	---	---	7.832	7.677	7.628	7.638	---	---	---	---	8
9	---	---	---	---	7.832	7.677	7.628	7.638	---	---	---	---	9
10	---	---	---	---	7.827	7.677	7.628	7.638	---	---	---	---	10
11	---	---	---	---	7.827	7.687	7.628	7.638	---	---	---	---	11
12	---	---	---	---	7.822	7.687	7.628	7.638	---	---	---	---	12
13	---	---	---	---	7.797	7.687	7.628	7.631	---	---	---	---	13
14	---	---	---	---	7.797	7.687	7.628	7.648	---	---	---	---	14
15	---	---	---	---	7.787	7.687	7.638	7.648	---	---	---	---	15
16	---	---	---	---	7.777	7.687	7.638	7.648	---	---	---	---	16
17	---	---	---	---	7.777	7.687	7.638	7.638	---	---	---	---	17
18	---	---	---	---	7.767	7.687	7.638	7.638	---	---	---	---	18
19	---	---	---	---	7.757	7.687	7.638	7.638	---	---	---	---	19
20	---	---	---	---	7.747	7.657	7.638	7.638	---	---	---	---	20
21	---	---	---	---	7.737	7.677	7.638	7.638	---	---	---	---	21
22	---	---	---	---	7.737	7.687	7.638	7.628	---	---	---	---	22
23	---	---	---	---	7.727	7.687	7.648	7.623E	---	7.642	---	---	23
24	---	---	---	---	7.727	7.658	7.648	7.618	---	---	---	---	24
25	---	---	---	---	7.727	7.648	7.658	7.618	---	---	---	---	25
26	---	---	---	---	7.727	7.638	7.658	7.618	---	---	---	---	26
27	---	---	---	---	7.727	7.628	7.658	7.608	---	---	---	---	27
28	---	---	---	---	7.727	7.628	7.658	7.608	---	---	---	---	28
29	---		---	---	7.727	7.618	7.658	7.608	---	---	---	---	29
30	---		---	---	7.717	7.618	7.668	7.608	---	---	---	---	30
31	---		---		7.717		7.663E	7.608		---		---	31
MEAN	---	---	---	---	---	7.688	7.639	7.634	---	---	---	---	MEAN
MAX	---	---	---	---	---	7.717	7.668	7.658	---	---	---	---	MAX
MIN	---	---	---	---	---	7.618	7.628	7.608	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 25 21 N
LONG 106 09 42 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

STURGEON RIVER NEAR PRINCE ALBERT - STATION NO 05GF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.380B	0.740B	3.35	0.406	0.173	0.232	0.128	0.201	---	---	1
2	---	---	0.382B	1.20 B	3.20	0.384	0.077	0.239	0.130	0.213	---	---	2
3	---	---	0.384B	2.01 B	3.13	0.338	0.069	0.277	0.139	0.185	---	---	3
4	---	---	0.386B	4.30 B	3.08	0.326	0.100	0.173	0.159	0.162	---	---	4
5	---	---	0.389B	3.80 B	2.90	0.335	0.089	0.163	0.165	0.183	---	---	5
6	---	---	0.392B	4.08 B	2.76	0.315	0.112	0.141	0.142	0.197	---	---	6
7	---	---	0.394B	3.55 B	2.58	0.286	0.085	0.133	0.141	0.179	---	---	7
8	---	---	0.398B	5.64 B	2.48	0.241	0.094	0.136	0.121	0.182	---	---	8
9	---	---	0.398B	5.02 B	2.36	0.215	0.107	0.134	0.116	0.188	---	---	9
10	---	---	0.400B	6.87 B	2.21	0.187	0.135	0.177	0.139	0.183	---	---	10
11	---	---	0.403B	6.54 B	2.02	0.306	0.127	0.216	0.137	0.176	---	---	11
12	---	---	0.405B	7.53 B	1.80	0.251	0.121	0.190	0.134	0.173	---	---	12
13	---	---	0.408B	8.67 B	1.63	0.222	0.143	0.178	0.126	0.186	---	---	13
14	---	---	0.412B	6.10	1.47	0.214	0.177	0.186	0.133	0.185	---	---	14
15	---	---	0.415B	6.11	1.32	0.193	0.230	0.227	0.174	0.184	---	---	15
16	---	---	0.418B	6.24	1.18	0.185	0.252	0.250	0.149	0.204	---	---	16
17	---	---	0.420B	6.17	1.10	0.248	0.263	0.248	0.160	0.189	---	---	17
18	---	---	0.421B	6.07	1.04	0.300	0.252	0.174	0.178	0.178	---	---	18
19	---	---	0.423B	5.94	0.983	0.282	0.246	0.195	0.161	0.178	---	---	19
20	---	---	0.426B	5.79	0.952	0.188	0.298	0.182	0.183	0.187	---	---	20
21	---	---	0.428B	5.58	0.927	0.270	0.311	0.211	0.157	0.184	---	---	21
22	---	---	0.428B	5.28	0.895	0.309	0.277	0.215	0.184	0.203	---	---	22
23	---	---	0.429B	5.00	0.870	0.199	0.241	0.188	0.156	0.202	---	---	23
24	---	---	0.430B	4.75	0.847	0.195	0.240	0.176	0.157	0.188	---	---	24
25	---	---	0.430B	4.53	0.787	0.186	0.238	0.181	0.167	0.196	---	---	25
26	---	---	0.430B	4.38	0.748	0.192	0.248	0.188	0.165	0.189	---	---	26
27	---	---	0.430B	4.24	0.651	0.170	0.203	0.177	0.167	0.187	---	---	27
28	---	---	0.435B	4.08	0.609	0.180	0.195	0.172	0.192	0.189	---	---	28
29	---		0.440B	3.74	0.553	0.087	0.173	0.176	0.194	0.189	---	---	29
30	---		0.450B	3.53	0.566	0.089	0.214	0.156	0.192	0.182A	---	---	30
31	---		0.500B		0.484		0.236	0.159		0.182E		---	31
TOTAL	---	---	12.882	147.800	48.482	7.184	5.776	5.850	4.826	5.827	---	---	TOTAL
MEAN	---	---	0.416	4.92	1.60	0.239	0.186	0.189	0.154	0.188	---	---	MEAN
MAX	---	---	0.500	8.67	3.35	0.406	0.311	0.277	0.194	0.213	---	---	MAX
MIN	---	---	0.380	0.740	0.484	0.087	0.069	0.133	0.116	0.188	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.976
MAXIMUM DAILY, 8.67B ON APR 13
MINIMUM DAILY, 0.069 ON JUL 3
MAXIMUM INSTANTANEOUS,
15.4B AT 21 37 CST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 12 47 N
LONG 105 53 06 W
DRAINAGE AREA, 5 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	499
FEB	---	AUG	506
MAR	1 110	SEP	400
APR	12 800	OCT	503
MAY	4 280	NOV	---
JUN	619	DEC	---

TOTAL DISCHARGE, 20 700 dam³

STURGEON-WEIR RIVER AT LEAF RAPIDS - STATION NO. 05KG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.9	38.4	34.7	32.8	38.1	42.3	45.0	42.8	36.0	33.2	28.4	25.1	1
2	38.8	38.4	34.7	32.8	38.1	43.1	44.8	42.6	35.8	32.7	28.3	25.1	2
3	38.8	38.4	34.6	32.7	38.2	43.3	44.1	41.8	36.0	32.4	28.0	25.1	3
4	38.8	38.3	34.7	32.7	38.6	43.4	44.4	40.9	37.6	32.6	27.9	24.9	4
5	38.9	38.2	34.8	32.7	38.9	43.5	44.3	40.5	38.0	33.1	27.9	24.9	5
6	39.0	38.1	34.5	32.9	38.8	43.6	44.0	40.2	38.2	33.1	27.8	24.9	6
7	38.9	38.2	34.4	32.9	38.9	43.7	44.4	39.7	38.2	33.0	27.5	24.8	7
8	38.8	38.3	34.4	33.3	39.0	43.8	44.2	39.4	38.3	33.2	27.5	24.8	8
9	38.7	38.3	34.2	33.5	39.0	44.0	44.6	39.2	38.4	33.0	27.2	24.7	9
10	38.5	38.3	34.1	33.4	38.8	44.0	44.7	39.2	38.3	32.5	27.0	24.8	10
11	38.3	38.2	34.1	33.1	38.7	44.8	44.8	40.1	38.1	32.3	28.9	24.5	11
12	38.1	38.2	33.9	33.0	38.9	45.2	44.4	40.5	37.8	32.1	28.6	24.5	12
13	38.0	38.4	33.8	33.2	39.1	45.1	44.1	40.4	37.4	31.6	28.5	24.5	13
14	37.9	38.4	33.6	33.0	39.1	44.8	43.7	40.3	37.2	31.4	28.4	24.4	14
15	37.9	38.4	33.5	33.2	39.1	44.4	43.3	39.9	36.8	31.3	28.4	24.4	15
16	37.7	38.3	33.6	33.6	39.2	44.1	44.0	39.4	36.5	30.9	28.5	24.3	16
17	37.6	38.3	33.6	34.0	39.1	44.2	45.1	39.2	36.3	30.7	28.4	24.3	17
18	37.5	38.1	33.6	34.2	38.9	44.3	45.0	38.9	36.0	30.4	28.2	24.3	18
19	37.2	38.1	33.8	34.6	38.9	44.3	44.9	38.6	35.7	30.4	28.2	24.3	19
20	37.1	38.0	33.7	35.2	39.0	44.3	44.7	38.4	35.5	30.4	28.1	24.4	20
21	37.2	35.8	33.7	35.6	38.9	45.5	44.4	38.1	35.2	30.2	28.8	24.3	21
22	37.2	35.8	34.0	36.2	39.0	47.2	44.2	37.7	35.1	30.1	25.9	24.4	22
23	37.1	35.8	34.0	36.6	39.1	47.7	43.8	37.3	34.9	30.2	25.7	24.4	23
24	36.7	35.8	34.0	38.5	39.2	47.8	43.4	37.3	34.7	29.7	25.7	24.3	24
25	36.6	35.5	33.7	38.7	39.2	47.5	43.0	37.2	34.5	29.5	25.8	24.2	25
26	36.4	35.4	33.5	37.2	39.8	47.0	42.7	36.8	34.3	29.4	25.5	24.3	26
27	36.4	35.1	33.4	37.6	39.9	46.8	42.4	36.5	34.1	29.3	25.3	24.3	27
28	36.3	34.8	33.2	37.8	40.5	46.3	42.3	36.3	33.8	29.1	25.3	24.2	28
29	36.4		33.1	37.8	41.0	45.8	42.2	36.5	33.5	28.7	25.2	24.1	29
30	36.4		32.9	37.8	41.2	45.3	42.8	36.4	33.2	28.8	25.1	24.0	30
31	36.4		32.9		41.5		42.9	36.2		28.6		24.0	31
TOTAL	1 168.5	1 009.2	1 060.3	1 036.4	1 215.8	1 346.9	1 362.0	1 208.3	1 085.2	963.9	798.7	759.3	TOTAL
MEAN	37.7	36.0	33.9	34.5	39.2	44.9	43.9	39.0	36.2	31.1	26.6	24.5	MEAN
MAX	39.0	38.4	34.7	37.8	41.5	47.8	45.1	42.8	38.4	33.2	28.4	25.1	MAX
MIN	36.3	34.8	32.9	32.7	38.1	42.3	42.2	36.2	33.2	28.6	25.1	24.0	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.6
MAXIMUM DAILY, 47.8 ON JUN 24
MINIMUM DAILY, 24.0 ON DEC 30
MAXIMUM INSTANTANEOUS,
48.0 AT 14 37 CST ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 49 40 N
LONG 102 38 08 W
DRAINAGE AREA, 12 600 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	101 000	JUL	118 000
FEB	87 200	AUG	104 000
MAR	90 700	SEP	93 800
APR	89 500	OCT	83 300
MAY	105 000	NOV	68 800
JUN	116 000	DEC	85 600

TOTAL DISCHARGE, 1 120 000 dam³

STURGEON-WEIR RIVER AT OUTLET OF AMISK LAKE - STATION NO. 05KG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.1	46.0	44.6	42.3	43.2	45.6	48.4	49.1	39.9	36.6	30.6	28.8	1
2	47.9	45.6	44.4	42.2	42.9	48.6	47.6	48.3	38.3	32.6	30.9	28.6	2
3	47.6	45.9	44.7	42.1	43.1	48.0	47.3	48.1	38.9	33.3	30.9	28.5	3
4	47.6	45.7	44.3	42.0	43.5	48.2	48.4	47.1	29.2	35.6	31.9	28.5	4
5	47.8	45.7	44.6	41.9	44.5	48.2	48.0	47.3	37.7	35.1	30.3	28.3	5
6	47.9	45.6	44.5	41.9	44.0	46.5	48.6	47.2	38.6	35.3	30.0	28.1	6
7	47.7	45.6	44.2	41.6	43.6	47.3	50.0	46.4	38.4	34.7	30.3	28.1	7
8	47.7	45.5	43.7	41.8	44.9	47.2	49.3	47.5	38.7	35.7	29.6	28.2	8
9	47.8	45.5	43.5	42.0	44.3	47.2	51.1	46.4	38.6	35.1	29.2	28.2	9
10	47.4	45.5	43.5	41.4	43.7	46.6	51.6	45.5	38.7	33.9	29.3	28.3	10
11	47.3	45.6	43.3	41.2	43.8	46.6	50.9	47.9	38.3	34.1	29.5	28.4	11
12	47.4	46.1	43.1	40.9	44.1	46.2	51.2	46.4	37.9	33.8	29.6	28.2	12
13	47.5	46.3	42.9	41.0	44.3	49.1	51.1	46.3	37.4	35.5	29.7	28.1	13
14	47.0	46.1	42.8	40.8	44.0	48.4	50.9	45.7	37.5	33.6	29.2	28.0	14
15	46.9	46.2	42.4	40.8	44.3	46.2	50.5	45.5	37.2	32.9	29.7	28.0	15
16	46.6	46.2	42.4	41.2	44.0	47.7	51.2	44.9	37.1	32.3	29.9	27.9	16
17	46.6	46.2	42.5	41.1	43.9	49.7	51.1	44.9	37.2	33.3	29.8	27.8	17
18	46.8	46.2	42.8	41.4	43.1	49.3	50.5	45.1	36.8	33.7	29.6	27.7	18
19	46.2	46.0	42.9	41.9	43.2	49.2	50.2	44.3	36.6	33.6	29.9	27.9	19
20	46.4	46.1	43.0	41.8	46.2	49.2	51.4	43.5	36.1	32.1	28.6	28.0	20
21	46.6	46.0	43.9	41.7	42.3	48.6	51.1	44.3	35.9	31.3	28.7	28.0	21
22	46.3	46.0	44.2	41.8	42.4	49.6	50.8	43.5	36.6	31.8	28.9	28.1	22
23	46.1	45.8	43.8	41.9	42.7	49.9	51.1	42.4	36.2	32.1	28.5	28.0	23
24	45.7	45.4	43.5	42.0	42.5	48.5	50.4	42.2	35.7	30.7	28.7	27.9	24
25	45.7	45.1	43.4	42.1	42.7	50.3	50.5	41.7	35.3	31.2	28.8	27.8	25
26	45.6	45.0	43.6	42.3	42.5	48.7	50.0	41.5	35.1	32.3	28.6	27.8	26
27	45.6	44.8	42.8	42.2	42.5	49.3	50.1	40.9	35.6	31.2	28.7	27.9	27
28	45.7	44.9	42.8	42.4	43.6	49.5	50.4	41.0	35.0	30.5	28.6	28.0	28
29	46.2		42.6	42.7	44.1	48.2	49.9	43.2	35.3	31.6	28.8	28.2	29
30	46.1		42.6	43.0	43.8	48.3	49.8	41.4	34.0	30.4	28.7	27.8	30
31	46.1		42.5		44.1		49.4	40.7		30.8		27.5	31
TOTAL	1 451.7	1 281.0	1 345.8	1 253.4	1 380.1	1 449.4	1 555.2	1 382.2	1 114.3	1 027.8	885.5	870.8	TOTAL
MEAN	46.8	45.8	43.4	41.8	43.6	48.3	50.2	44.9	37.1	33.2	29.5	28.1	MEAN
MAX	48.1	46.3	44.7	43.0	46.2	50.3	51.6	49.3	39.9	36.6	31.9	28.8	MAX
MIN	45.6	44.8	42.4	40.8	42.3	45.6	47.3	40.7	34.0	30.4	28.5	27.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.0
MAXIMUM DAILY, 51.6 ON JUL 10
MINIMUM DAILY, 27.5 ON DEC 31
MAXIMUM INSTANTANEOUS,
87.6 AT 16:26 CST ON JUL 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 20 N
LONG 102 10 30 W
DRAINAGE AREA, 14 600 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	125 000	JUL	134 000
FEB	111 000	AUG	120 000
MAR	116 000	SEP	96 300
APR	108 000	OCT	88 600
MAY	117 000	NOV	76 500
JUN	125 000	DEC	75 200

TOTAL DISCHARGE, 1 290 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS DUE TO WIND SET-UP ON AMISK LAKE

SWAN RIVER NEAR NORQUAY - STATION NO. 05LE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.788B	0.711B	0.717B	1.11B	7.67	2.12	0.600	2.37	1.50 E	0.723	4.26	1.13 B	1
2	0.720B	0.888B	0.729B	1.03B	7.34	2.47	0.614	2.08	1.40 E	0.708	4.17	1.09 B	2
3	0.712B	0.709B	0.663B	1.33B	7.01	2.78	0.674	1.83	1.31 E	0.696	4.16	1.05 B	3
4	0.639B	0.710B	0.676B	3.75B	5.66	3.52	0.959	1.65	1.24 E	0.707	4.23	1.02 B	4
5	0.735B	0.773B	0.716B	9.83B	5.32	4.15	1.18	1.51A	1.16 E	0.741	4.04B	0.980B	5
6	0.617B	0.722B	0.753B	30.0 B	5.47	4.12	4.22	2.10E	1.10 E	0.980	3.90B	0.940B	6
7	0.566B	0.760B	0.790B	51.1 B	4.77	3.91	5.45	1.95E	1.04 E	2.35	3.65B	0.910B	7
8	0.612B	0.735B	0.760B	38.5 B	4.40	3.79	5.80	1.75E	1.00 E	3.45	3.45B	0.880B	8
9	0.552B	0.693B	0.733B	26.7	4.07	3.80	5.90	1.60E	0.837A	3.48	3.25B	0.850B	9
10	0.527B	0.643B	0.686B	24.0	3.54	3.53	5.74	1.90E	0.894	3.84	3.10B	0.825B	10
11	0.571B	0.671B	0.705B	19.7	3.14	3.16	5.59	1.70E	0.826	3.74	2.90B	0.795B	11
12	0.607B	0.663B	0.707B	20.3	2.89	2.81	7.13	1.50E	0.815	3.57	2.75B	0.770B	12
13	0.597B	0.710B	0.745B	19.8	2.78	2.58	6.97	1.35E	0.784	3.85	2.60B	0.750B	13
14	0.671B	0.662B	0.725B	18.1	2.69	2.30	6.28	1.25E	0.761	3.98	2.45B	0.725B	14
15	0.603B	0.700B	0.702B	17.0	2.55	2.01	6.06	1.18E	0.738	4.36	2.35B	0.705B	15
16	0.577B	0.732B	0.781B	16.9	2.31	1.74	6.19	1.10E	0.890	4.62	2.22B	0.685B	16
17	0.621B	0.733B	0.663B	16.7	2.16	1.57	6.45	1.05E	0.726	4.77	2.12B	0.665B	17
18	0.612B	0.661B	0.959B	17.3	2.12	1.44	7.01	1.02E	0.712	4.61	2.00B	0.650B	18
19	0.582B	0.646B	1.07 B	16.8	2.02	1.35	6.82	1.00E	0.618	4.83	1.91B	0.630B	19
20	0.662B	0.626B	1.15 B	15.9	1.93	1.32	6.74	1.90E	0.871	4.39	1.82B	0.610B	20
21	0.660B	0.662B	1.39 B	16.2	1.78	1.25	6.83	3.00E	1.01	4.18	1.75B	0.595B	21
22	0.634B	0.663B	1.62 B	14.4	1.78	1.17	6.78	2.75E	0.894	4.00	1.66B	0.580B	22
23	0.615B	0.667B	1.95 B	13.6	1.57	1.09	6.58	2.60E	0.833	4.02 B	1.59B	0.565B	23
24	0.618B	0.682B	2.32 B	12.5	1.50	1.01	6.48	2.45E	0.884	4.04 B	1.52B	0.550B	24
25	0.645B	0.673B	3.66 B	11.9	1.40	0.944	5.93	2.30E	1.04	4.06 B	1.46B	0.540B	25
26	0.628B	0.663B	2.35 B	11.6	1.36	0.888	5.32	2.18E	0.835	4.08 B	1.40B	0.528B	26
27	0.656B	0.707B	2.51 B	10.5	1.36	0.861	4.86	2.00E	0.790	4.09 B	1.33B	0.512B	27
28	0.712B	0.690B	2.23 B	9.86	1.36	0.787	4.12	1.90E	0.771	4.10	1.28B	0.500B	28
29	0.738B		1.77 B	9.22	1.56	0.750	3.57	1.80E	0.756	4.28	1.22B	0.490B	29
30	0.708B		1.20 B	8.29	2.17	0.718	3.07	1.70E	0.752	4.23	1.19B	0.480B	30
31	0.746B		1.13 B		2.17		2.74	1.60E		4.27		0.470B	31
TOTAL	20.052	19.427	36.780	480.74	99.96	63.949	157.257	66.06	28.208	105.525	75.75	22.467	TOTAL
MEAN	0.647	0.694	1.19	16.0	3.22	2.13	5.07	1.81	0.940	3.40	2.53	0.725	MEAN
MAX	0.788	0.773	2.86	51.1	7.67	4.15	7.13	3.00	1.50	4.81	4.26	1.13	MAX
MIN	0.552	0.626	0.676	1.03	1.36	0.718	0.600	1.00	0.690	0.696	1.19	0.470	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.19
MAXIMUM DAILY, 51.1B ON APR 7
MINIMUM DAILY, 0.470B ON DEC 31
MAXIMUM INSTANTANEOUS,
58.7B AT 14:33 CST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 52 N
LONG 102 04 26 W
DRAINAGE AREA, 1 920 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 730	JUL	13 600
FEB	1 660	AUG	4 840
MAR	3 180	SEP	2 440
APR	41 500	OCT	9 120
MAY	6 540	NOV	6 540
JUN	5 530	DEC	1 940

TOTAL DISCHARGE, 101 000 dam³

SWIFT CURRENT CANAL AT SWIFT CURRENT - STATION NO. 05HD034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.73	0	4.78	3.63	0.234	0.226	0	---	---	1
2	---	---	0 B	1.73	0	4.63	3.82	0.234	0.226	0	---	---	2
3	---	---	0 B	1.80	0	4.48	3.50	0.233	0.226	0	---	---	3
4	---	---	0.700B	1.54	0.328	4.30	3.58	0.233	0.225	0	---	---	4
5	---	---	4.01 B	1.46	2.18	4.18	3.53	0.232	0.225	0	---	---	5
6	---	---	4.08 B	0.842	3.56	4.08	3.80	0.232	0.224	0	---	---	6
7	---	---	2.48 B	0	3.65	2.13	3.54	0.232	0.223	0	---	---	7
8	---	---	1.70 B	0	3.57	0.813	3.71	0.232	0.223	0	---	---	8
9	---	---	0.940B	0	4.02	0.332	4.08	0.231	0.200	0	---	---	9
10	---	---	0.940B	0	4.34	0.253	4.05	0.231	0.140	0	---	---	10
11	---	---	0.940B	0	4.44	0.246	4.02	0.231	0.089	0	---	---	11
12	---	---	0.700B	0	4.40	0.287	4.00	0.231	0.084	0	---	---	12
13	---	---	0.320B	0	4.59	0.310	3.93	0.230	0.084	0	---	---	13
14	---	---	0.320B	0	4.64	0.276	3.77	0.230	0.087	0	---	---	14
15	---	---	0.330B	0	4.57	0.261	3.66	0.230	0.100	0	---	---	15
16	---	---	0.500B	0	4.56	0.245	3.62	0.230	0.102	0	---	---	16
17	---	---	0.740B	0	4.59	0.233	3.65	0.230	0.098	0	---	---	17
18	---	---	0.725B	0	4.60	0.235	3.64	0.229	0.091	0	---	---	18
19	---	---	0.725B	0	4.62	0.234	3.62	0.229	0.101	0	---	---	19
20	---	---	0.725B	0	4.64	0.238	3.64	0.229	0.104	0	---	---	20
21	---	---	0.725B	0	4.66	0.249	3.63	0.229	0.102	0	---	---	21
22	---	---	0.725B	0	4.63	0.229	1.92	0.229	0.050	0	---	---	22
23	---	---	0.725B	0	4.60	0.733	0.245	0.228	0	0	---	---	23
24	---	---	0.725B	0	4.54	0.279	0.236	0.228	0	0	---	---	24
25	---	---	0.725B	0	4.53	0.282	0.236	0.228	0	0	---	---	25
26	---	---	0.725B	0	4.63	0.278	0.236	0.228	0	0	---	---	26
27	---	---	0.725B	0	4.77	0.265	0.236	0.228	0	0	---	---	27
28	---	---	0.725B	0	4.78	0.268	0.235	0.227	0	0	---	---	28
29	---		0.725B	0	4.72	0.291	0.235	0.227	0	0	---	---	29
30	---		1.10	0	4.72	1.44	0.235	0.227	0	0	---	---	30
31	---		1.73		4.72		0.234	0.227		0		---	31
TOTAL	---	---	30.820	8.702	118.558	37.045	82.748	7.129	3.288	0	---	---	TOTAL
MEAN	---	---	0.888	0.290	3.82	1.23	2.67	0.230	0.109	0	---	---	MEAN
MAX	---	---	4.08	1.73	4.77	4.78	4.08	0.234	0.226	0	---	---	MAX
MIN	---	---	0	0	0	0.229	0.234	0.227	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 4.78 ON JUN 1
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 16 03 N
LONG 107 46 43 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 150
FEB	---	AUG	615
MAR	2 650	SEP	282
APR	752	OCT	0
MAY	10 200	NOV	---
JUN	3 200	DEC	---

TOTAL DISCHARGE, 24 900 dam³

SWIFT CURRENT CREEK BELOW REID LAKE - STATION NO 05HD041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.778	0.741	0.452	0.579	0.494	5.28	4.08	0.536	0.618	0.441	0.402	0.344	1
2	0.743	0.741	0.468	0.571	0.508	5.02	3.82	0.466	0.646	0.417	0.404	0.338	2
3	0.738	0.728	0.470	0.526	0.500	5.02	3.85	0.470	0.630	0.437	0.398	0.337	3
4	0.760	0.720	0.484	0.421	2.58	5.03	3.54	0.515	0.579	0.472	0.399	0.337	4
5	0.751	0.718	0.504	0.460	4.04	5.07	3.58	0.510	0.577	0.404	0.374	0.342	5
6	0.754	0.714	0.487	0.478	4.02	3.59	3.69	0.492	0.581	0.415	0.385	0.344	6
7	0.758	0.784	0.555	0.527	4.00	2.02	3.82	0.478	0.572	0.445	0.395	0.348	7
8	0.770	0.758	0.511	0.514	4.37	2.03	4.70	0.481	0.549	0.548	0.377	0.358	8
9	0.758	0.788	0.505	0.608	4.87	2.07	4.85	0.418	0.822	0.441	0.378	0.351	9
10	0.734	0.704	0.528	0.548	4.90	2.12	4.83	0.407	1.01	0.427	0.361	0.377	10
11	0.738	0.530	0.531	0.501	4.87	1.74	4.89	0.471	1.01	0.409	0.385	0.378	11
12	0.705	0.551	0.530	0.520	4.98	1.55	4.71	0.527	1.01	0.407	0.381	0.400	12
13	0.718	0.504	0.537	0.505	5.12	1.52	4.82	0.587	1.00	0.419	0.387	0.382	13
14	0.731	0.506	0.540	0.498	5.12	1.44	4.70	0.630	0.980	0.402	0.425	0.369	14
15	0.703	0.500	0.548	0.510	5.11	1.38	4.80	0.558	0.982	0.400	0.419	0.363	15
16	0.712	0.482	0.540	0.514	5.09	1.38	4.88	0.572	0.954	0.373	0.391	0.364	16
17	0.671	0.487	0.543	0.482	5.08	1.31	4.49	0.511	0.781	0.377	0.375	0.348	17
18	0.707	0.488	0.548	0.495	5.11	1.27	4.72	0.492	0.609	0.388	0.402	0.347	18
19	0.721	0.474	0.562	0.517	5.17	1.45	4.58	0.541	0.583	0.351	0.380	0.336	19
20	0.701	0.484	0.561	0.482	5.18	1.57	4.48	0.526	0.576	0.338	0.358	0.328	20
21	0.760	0.486	0.612	0.490	5.23	1.57	2.38	0.475	0.578	0.430	0.382	0.325	21
22	0.684	0.442	0.634	0.510	5.20	1.59	1.19	0.484	0.583	0.413	0.356	0.321	22
23	0.711	0.442	0.574	0.462	5.21	1.61	0.909	0.493	0.587	0.408	0.359	0.310	23
24	0.886	0.452	0.592	0.443	5.24	1.68	0.894	0.474	0.539	0.403	0.372	0.320	24
25	0.764	0.443	0.589	0.449	5.27	1.66	0.884	0.482	0.534	0.442	0.411	0.324	25
26	0.785	0.430	0.585	0.450	5.34	1.66	0.898	0.471	0.527	0.406	0.407	0.322	26
27	0.744	0.413	0.625	0.455	5.39	1.67	1.26	0.481	0.540	0.384	0.388	0.318	27
28	0.768	0.444	0.588	0.471	5.41	1.70	1.19	0.498	0.514	0.403	0.375	0.317	28
29	0.786		0.563	0.448	5.43	3.31	0.829	0.523	0.494	0.395	0.382	0.323	29
30	0.763		0.580	0.472	5.39	4.24	0.485	0.506	0.466	0.380	0.348	0.342	30
31	0.758		0.601		5.40		0.565	0.556		0.385		0.496	31
TOTAL	22.785	15.861	16.905	14.862	139.640	72.51	98.004	15.582	20.189	12.739	11.542	10.801	TOTAL
MEAN	0.735	0.566	0.545	0.495	4.50	2.42	3.16	0.502	0.673	0.411	0.385	0.348	MEAN
MAX	0.778	0.788	0.634	0.608	5.43	5.28	4.85	0.630	1.01	0.548	0.425	0.496	MAX
MIN	0.671	0.413	0.452	0.421	0.494	1.27	0.485	0.407	0.466	0.338	0.348	0.310	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.24
MAXIMUM DAILY, 5.43 ON MAY 29
MINIMUM DAILY, 0.310 ON DEC 23
MAXIMUM INSTANTANEOUS,
5.45 AT 05:11 CST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 51 N
LONG 108 02 40 W
DRAINAGE AREA, 2 470 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 970	JUL	8 470
FEB	1 370	AUG	1 340
MAR	1 480	SEP	1 740
APR	1 280	OCT	1 100
MAY	12 100	NOV	997
JUN	8 280	DEC	933

TOTAL DISCHARGE, 39 000 dam³

SWIFT CURRENT CREEK BELOW ROCK CREEK - STATION NO. 05HD035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.381E	0.657E	0.410E	9.46 E	0.678	0.445	0.046	4.24	0.513	0.145	0.422	0.329E	1
2	0.389E	0.583E	0.380E	7.61 E	0.687	0.442	0.041	2.70	0.388	0.148	0.421	0.326E	2
3	0.417E	0.566E	0.484E	7.41 E	0.682	0.401	0.033	1.61	0.316	0.150	0.432	0.349E	3
4	0.445E	0.543E	1.29 E	5.63 E	0.673	0.381	0.029	1.15	0.274	0.153	0.495	0.354E	4
5	0.422E	0.500E	3.82 E	4.61	0.629	0.305	0.038	0.759	0.246	0.160	0.529	0.379E	5
6	0.467E	0.714E	5.56 E	3.85	0.590	0.252	0.047	0.604	0.226	0.182	0.503	0.388E	6
7	0.531E	1.56 E	7.13 E	3.48	0.534	0.198	0.047	0.467	0.213	0.187	0.489	0.394E	7
8	0.565E	2.33 E	5.95 E	3.37	0.493	0.161	0.034	0.386	0.201	0.191	0.452	0.414E	8
9	0.531E	2.30 E	5.11 E	3.31	0.456	0.145	0.020	0.324	0.194	0.178	0.429	0.418E	9
10	0.475E	2.21 E	6.03 E	2.91	0.421	0.153	0.011	0.283	0.182	0.182	0.448	0.371E	10
11	1.05 E	3.21 E	4.77 E	2.58	0.388	0.142	0.006	0.225	0.172	0.189	0.479	0.363E	11
12	5.43 E	4.61 E	2.83 E	2.24	0.342	0.126	0.002	0.197	0.182	0.208	0.493	0.410E	12
13	3.46 E	4.70 E	1.85 E	1.92	0.293	0.118	0	0.189	0.193	0.222	0.464	0.394E	13
14	2.28 E	4.68 E	1.62 E	1.58	0.259	0.094	0	0.283	0.168	0.234	0.447	0.407E	14
15	2.20 E	4.91 E	2.69 E	1.33	0.227	0.069	0	0.384	0.148	0.237	0.438	0.350E	15
16	1.87 E	4.30 E	3.02 E	1.27	0.208	0.083	0	0.302	0.146	0.237	0.387	0.363E	16
17	1.94 E	3.35 E	4.44 E	1.26	0.203	0.083	0	0.440	0.153	0.252	0.426	0.380E	17
18	1.85 E	3.73 E	3.26 E	1.24	0.188	0.065	0.004	0.392	0.158	0.288	0.380	0.337E	18
19	1.31 E	2.39 E	2.66 E	1.27	0.200	0.041	0.027	0.383	0.171	0.297	0.333	0.308E	19
20	0.958E	2.26 E	2.36 E	1.23	0.212	0.068	0.031	0.363	0.181	0.299	0.345	0.270E	20
21	0.752E	2.29 E	2.12 E	1.17	0.208	0.078	0.026	0.331	0.182	0.313	0.383	0.250E	21
22	0.572E	1.96 E	2.01 E	1.33	0.207	0.081	0.028	0.295	0.199	0.383	0.423	0.242E	22
23	0.470E	1.80 E	1.65 E	1.32	0.221	0.043	0.084	0.255	0.188	0.345	0.478E	0.226E	23
24	0.571E	1.55 E	1.65 E	1.20	0.207	0.034	0.168	0.297	0.185	0.323	0.457E	0.225E	24
25	0.684E	1.35 E	1.53 E	1.05	0.207	0.028	0.285	0.390	0.185	0.370	0.402E	0.198E	25
26	0.802E	0.933E	2.13 E	0.943	0.227	0.028	0.249	0.586	0.180	0.375	0.418E	0.184E	26
27	0.531E	0.704E	3.85 E	0.851	0.280	0.030	0.224	0.808	0.158	0.402	0.361E	0.153E	27
28	0.468E	0.545E	3.51 E	0.796	0.371	0.042	1.48	0.804	0.151	0.412	0.361E	0.153E	28
29	0.479E		2.31 E	0.741	0.488	0.060	18.1	0.578	0.148	0.431	0.388E	0.157E	29
30	0.613E		2.53 E	0.723	0.514	0.066	10.4	0.501	0.145	0.431	0.321E	0.144E	30
31	0.668E		5.23 E		0.488		4.86	0.442		0.415		0.141E	31
TOTAL	33.081	61.135	98.684	77.854	11.750	4.133	38.120	20.807	6.020	8.244	12.782	9.367	TOTAL
MEAN	1.07	2.18	3.12	2.60	0.379	0.138	1.17	0.665	0.201	0.266	0.426	0.302	MEAN
MAX	5.43	4.91	7.13	9.46	0.687	0.445	18.1	4.24	0.513	0.431	0.529	0.418	MAX
MIN	0.381	0.543	0.380	0.723	0.188	0.028	0	0.189	0.145	0.145	0.321	0.141	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.03
MAXIMUM DAILY, 18.1 ON JUL 29
MINIMUM DAILY, 0 ON JUL 13
MAXIMUM INSTANTANEOUS,
23.8 AT 15:34 CST ON JUL 29

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 39 N
LONG 108 28 46 W
DRAINAGE AREA, 1 430 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 880	JUL	3 120
FEB	5 280	AUG	1 780
MAR	8 350	SEP	520
APR	6 730	OCT	712
MAY	1 020	NOV	1 100
JUN	357	DEC	809

TOTAL DISCHARGE, 32 600 dam³

SWIFT CURRENT CREEK NEAR LEINAN - STATION NO. 05HD039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.347E	0.450E	0.677E	0.944E	0.594	0.687	0.585	0.830	0.528	0.315	0.506	0.424E	1
2	0.340E	0.488E	0.703E	0.930E	0.582	0.652	0.594	0.576	0.500	0.328	0.496	0.420E	2
3	0.335E	0.612E	1.05 E	0.850E	0.548	0.611	0.408	0.581	0.472	0.381	0.512	0.412E	3
4	0.335E	0.795E	1.68 E	0.780E	0.563	0.526	0.311	0.523	0.536	0.351	0.507	0.452E	4
5	0.345E	0.898E	1.38 E	0.700E	0.537	0.411	0.280	0.400	0.459	0.358	0.487	0.448E	5
6	0.355E	0.478E	1.86 E	0.650E	0.580	0.313	0.278	0.381	0.413	0.380	0.474	0.442E	6
7	0.360E	0.542E	1.74 E	0.620E	0.535	0.284	0.198	0.453	0.378	0.381	0.491	0.448E	7
8	0.395E	1.06 E	1.29 E	0.580	0.472	0.285	0.211	0.441	0.373	0.356	0.553E	0.404E	8
9	0.490E	1.10 E	1.01 E	0.570	0.431	0.236	0.141	0.481	0.394	0.382	0.468E	0.430E	9
10	0.581E	1.14 E	0.778E	0.582	0.422	0.198	0.090	0.491	0.415	0.398	0.529E	0.465E	10
11	0.667E	1.26 E	0.600E	1.11	0.423	0.135	0.118	0.381	0.472	0.382	0.485	0.400E	11
12	0.567E	1.42 E	0.508E	1.17	0.414	0.285	0.120	0.382	0.481	0.395	0.489	0.385E	12
13	0.611E	0.935E	0.357E	1.20	0.407	0.580	0.083	0.430	0.452	0.389	0.475	0.380E	13
14	0.679E	0.924E	0.247E	1.11	0.453	0.580	0.080	0.368	0.471	0.405	0.448	0.380E	14
15	0.949E	1.06 E	0.253E	1.04	0.501	0.424	0.043	0.469	0.544	0.437	0.445	0.382E	15
16	1.33 E	1.40 E	0.213E	0.940	0.540	0.281	0.130	0.528	0.502	0.426	0.455E	0.385E	16
17	0.943E	1.31 E	0.472E	0.863	0.598	0.250	0.353	0.820	0.474	0.431	0.368E	0.389E	17
18	0.561E	1.29 E	0.738E	0.907	0.612	0.208	0.535	0.764	0.462	0.461	0.348E	0.389E	18
19	0.455E	1.25 E	0.673E	0.911	0.744	0.258	0.583	0.828	0.454	0.480	0.351E	0.450E	19
20	0.460E	1.22 E	0.473E	0.912	0.641	0.232	0.585	0.553	0.428	0.434E	0.384E	0.462E	20
21	0.407E	1.34 E	0.244E	0.918	0.582	0.252	0.908	0.519	0.410	0.505E	0.384E	0.457E	21
22	0.423E	1.16 E	0.191E	0.908	0.630	0.257	0.988	0.483	0.431	0.472	0.378E	0.432E	22
23	0.450E	0.958E	0.193E	0.850	0.585	0.227	1.04	0.485	0.456	0.487	0.369E	0.381E	23
24	0.351E	0.758E	0.173E	0.801	0.543	0.303	1.10	0.458	0.480	0.504E	0.389E	0.291E	24
25	0.204E	0.710E	0.324E	0.804	0.532	0.349	0.941	0.494	0.447	0.508	0.348E	0.280E	25
26	0.311E	0.814E	0.788E	0.795	0.437	0.307	0.878	0.494	0.408	0.484	0.345E	0.356E	26
27	0.417E	0.648E	0.452E	0.777	0.453	0.322	0.573	0.505	0.414	0.527	0.407E	0.367E	27
28	0.488E	0.728E	0.250E	0.741	0.485	0.414	0.549	0.484	0.371	0.585	0.386E	0.282E	28
29	0.403E		0.893E	0.689	0.716	0.374	0.581	0.484	0.336	0.514	0.403E	0.205E	29
30	0.328E		1.08 E	0.648	0.618	0.351	0.480	0.501	0.327	0.491	0.422E	0.221E	30
31	0.357E		1.42 E		0.582		0.716	0.527		0.492		0.136E	31
TOTAL	15.268	26.751	22.867	25.319	16.982	10.738	14.231	15.631	13.275	13.360	13.082	11.631	TOTAL
MEAN	0.492	0.955	0.731	0.844	0.547	0.358	0.459	0.504	0.443	0.431	0.438	0.382	MEAN
MAX	1.33	1.42	1.86	1.20	0.744	0.811	1.10	0.830	0.544	0.585	0.553	0.462	MAX
MIN	0.204	0.460	0.173	0.570	0.407	0.135	0.043	0.368	0.327	0.315	0.345	0.136	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.546
MAXIMUM DAILY, 1.888 ON MAR 8
MINIMUM DAILY, 0.043 ON JUL 15
MAXIMUM INSTANTANEOUS,
2.128 AT 09:41 CST ON MAR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 38 N
LONG 107 39 31 W
DRAINAGE AREA, 3 730 km²

E - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 320	JUL	1 230
FEB	2 310	AUG	1 380
MAR	1 680	SEP	1 150
APR	2 180	OCT	1 150
MAY	1 470	NOV	1 130
JUN	928	DEC	1 020

TOTAL DISCHARGE, 17 200 dam³

YATAGWA LAKE DRAIN NEAR WEYBURN - STATION NO. 05NB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0058	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.0088	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.005	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.004	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.003	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.003	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.002	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.002	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.002	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.002	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.002	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.002	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.002	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.001	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.001	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.001	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.001	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.001	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.0018	0	0	0	0	0	0	0	---	---	26
27	---	---	0.0058	0	0	0	0	0	0	0	---	---	27
28	---	---	0.0038	0	0	0	0	0	0	0	---	---	28
29	---		0.0018	0	0	0	0	0	0	0	---	---	29
30	---		0.0018	0	0	0	0	0	0	0	---	---	30
31	---		0.0038		0		0	0		0		---	31
TOTAL	---	---	0.014	0.050	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.002	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.005	0.008	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.0088 ON APR 2
MINIMUM DAILY, 0S ON MAR 1
MAXIMUM INSTANTANEOUS,
0.0098 AT 05.33 CST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 58 N
LONG 103 56 50 W
DRAINAGE AREA, 240 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1.21	SEP	0
APR	4.32	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 5.53 dam³

YAZIN LAKE NEAR OUTLET - STATION NO. 07OC002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.359A	4.350E	4.330	4.286	4.170	4.600	4.657	4.577	4.483	4.485	4.485	4.346	1
2	4.360E	4.350E	4.325	4.282	4.179	4.607	4.668	4.568	4.482	4.490	4.489	4.336	2
3	4.362E	4.350A	4.324	4.280	4.184	4.606	4.667	4.554	4.485	4.490	4.471	4.331	3
4	4.363A	4.349A	4.325	4.278	4.207	4.614	4.661	4.553	4.487	4.485	4.469	4.327	4
5	4.365	4.347	4.330	4.271	4.218	4.622	4.650	4.542	4.490	4.484	4.467	4.332	5
6	4.366A	4.351A	4.328	4.269	4.229	4.627	4.658	4.551	4.477	4.481	4.466	4.322	6
7	4.367	4.349	4.330	4.257	4.238	4.627	4.653	4.556	4.488	4.475	4.463	4.323	7
8	4.365	4.348	4.329	4.250	4.244	4.635	4.644	4.543	4.492	4.483	4.465	4.322	8
9	4.377A	4.347	4.328	4.243	4.261	4.640	4.640	4.545	4.498	4.476	4.470	4.322	9
10	4.372A	4.349	4.323	4.239	4.276	4.648	4.638	4.543	4.496	4.478	4.476	4.312	10
11	4.369	4.349	4.320	4.232	4.295	4.651	4.637	4.526	4.489	4.484	4.478	4.313	11
12	4.366	4.343	4.321	4.227	4.317	4.650	4.638	4.507	4.502	4.483	4.475	4.312	12
13	4.358	4.345	4.324	4.221	4.335	4.643	4.638	4.511	4.491	4.478	4.469	4.303A	13
14	4.355	4.344	4.326	4.221	4.356	4.643	4.634	4.520	4.488	4.478	4.458	4.288	14
15	4.358	4.348	4.321	4.218	4.373	4.646	4.637	4.527	4.488	4.481	4.454	4.280	15
16	4.365	4.351	4.320	4.211	4.392	4.652	4.632	4.525	4.488	4.485	4.433	4.273	16
17	4.366A	4.352	4.324	4.205	4.411	4.653	4.624	4.515	4.488	4.486	4.426	4.267	17
18	4.356	4.347	4.323	4.195	4.430	4.655	4.617	4.508	4.494	4.487	4.415	4.266	18
19	4.355	4.346	4.323	4.192	4.440	4.657	4.617	4.506	4.497	4.489	4.402	4.286	19
20	4.359	4.348	4.317	4.188	4.454	4.656	4.611	4.506	4.499	4.488	4.405	4.283A	20
21	4.356	4.345	4.318	4.181	4.476	4.655	4.598	4.498	4.495	4.483	4.393	4.258E	21
22	4.354	4.343	4.319	4.176	4.495	4.657	4.597	4.499	4.497	4.485	4.383	4.250E	22
23	4.352	4.339	4.318	4.170	4.509	4.658	4.598	4.497	4.495	4.487	4.379	4.243	23
24	4.355	4.337	4.316	4.165	4.522	4.662	4.592	4.500	4.496	4.483	4.379	4.244	24
25	4.353	4.332	4.312	4.160	4.536	4.664	4.586	4.496	4.495	4.478	4.381	4.244	25
26	4.347A	4.337	4.308	4.159	4.543	4.667	4.593	4.497	4.492	4.476	4.378	4.244	26
27	4.345	4.338	4.301	4.159	4.555	4.668	4.585	4.502	4.491	4.479	4.387	4.243	27
28	4.349	4.338	4.307	4.156	4.570	4.651	4.585	4.500	4.480	4.477	4.381	4.238A	28
29	4.347		4.310	4.156	4.580	4.652	4.585	4.495	4.481	4.484	4.360	4.233	29
30	4.348E		4.306	4.161	4.590	4.649	4.588	4.489	4.481	4.485	4.356	4.221	30
31	4.349E		4.302		4.593		4.586	4.485		4.482		4.218	31
MEAN	4.368	4.345	4.320	4.214	4.387	4.641	4.623	4.521	4.490	4.483	4.429	4.282	MEAN
MAX	4.377	4.352	4.330	4.286	4.593	4.668	4.667	4.577	4.502	4.490	4.489	4.346	MAX
MIN	4.347	4.332	4.301	4.156	4.170	4.600	4.585	4.485	4.477	4.476	4.356	4.218	MIN

WATER LEVELS IN METRES

MEAN, 4.425
MAXIMUM DAILY, 4.667 ON JUL 3
MINIMUM DAILY, 4.156 ON APR 28
MAXIMUM INSTANTANEOUS,
4.672 AT 22.20 CST ON JUL 2

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 49 10 N
LONG 109 24 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

THEODORE RESERVOIR NEAR THEODORE - STATION NO. 05MB009

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	497.782E	497.759	497.885	497.831	497.775	497.776	497.712	497.679	497.629	---	1
2	---	---	497.782A	497.738	497.882	497.826	497.789	497.770	497.708	497.664A	497.908A	---	2
3	---	---	497.780	497.728	497.883	497.819	497.782	497.782	497.712	497.671A	---	---	3
4	---	---	497.780	497.752	497.882	497.811	497.783	497.754	497.710	497.676	---	---	4
5	---	---	497.783	497.768	497.884	497.806	497.787	497.754	497.708	497.675	---	---	5
6	---	---	497.782	497.800	497.882	497.806	497.832	497.780	497.706	497.672	---	---	6
7	---	---	497.782	497.803	497.859	497.802	497.847	497.758	497.701	497.669	---	---	7
8	---	---	497.782	497.813	497.864	497.790	497.838	497.757	497.690	497.675	---	---	8
9	---	---	497.774	497.826	497.857	497.788	497.842	497.756	497.689	497.672	---	---	9
10	---	---	497.774	497.847	497.857	497.781	497.833	497.758	497.691	497.668	---	---	10
11	---	---	497.774	497.875	497.855	497.789	497.813	497.784	497.695	497.674	---	---	11
12	---	---	497.775	497.894	497.858	497.784	497.802	497.756	497.694	497.675	---	---	12
13	---	---	497.778	497.901	497.859	497.785	497.794	497.754	497.695	497.680	---	---	13
14	---	---	497.778	497.887	497.853	497.777	497.790	497.748	497.698	497.673	---	---	14
15	---	---	497.778	497.838	497.861	497.773	497.781	497.749	497.693	497.667	---	---	15
16	---	---	497.776	497.819	497.853	497.775	497.786	497.750	497.694	497.671	---	---	16
17	---	---	497.777	497.851	497.850	497.782	497.780	497.748	497.698	497.674	---	---	17
18	---	---	497.776	497.872	497.847	497.784	497.778	497.747	497.699	497.672	---	---	18
19	---	---	497.783	497.887	497.850	497.778	497.785	497.742	497.698	497.670	---	---	19
20	---	---	497.786	497.891	497.854	497.778	497.782	497.736A	497.693	497.666	---	---	20
21	---	---	497.791	497.890	497.848	497.801	497.780	497.734E	497.692	497.682	---	---	21
22	---	---	497.784	497.897	497.842	497.793	497.780	497.733E	497.693	497.671	---	---	22
23	---	---	497.802	497.894	497.847	497.790	497.782	497.732E	497.689	497.674	---	---	23
24	---	---	497.807	497.885	497.851	497.781	497.780	497.730E	497.688	497.669	---	---	24
25	---	---	497.810	497.888	497.847	497.774	497.780	497.729E	497.694	497.678	---	---	25
26	---	---	497.814	497.891	497.843	497.767	497.773	497.728E	497.678	497.684	---	---	26
27	---	---	497.823	497.880	497.837	497.756	497.773	497.727E	497.683	497.680	---	---	27
28	---	---	497.820	497.883	497.842	497.758	497.774	497.725A	497.685	497.682	---	---	28
29	---		497.817	497.873	497.842	497.759	497.787	497.721	497.682	497.686	---	---	29
30	---		497.813	497.885	497.837	497.784	497.784	497.718	497.676	497.675	---	---	30
31	---		497.783		497.829		497.772	497.715		497.655		---	31
MEAN	---	---	497.789	497.847	497.852	497.788	497.788	497.745	497.694	497.673	---	---	MEAN
MAX	---	---	497.823	497.901	497.885	497.831	497.847	497.776	497.712	497.686	---	---	MAX
MIN	---	---	497.774	497.728	497.829	497.784	497.782	497.715	497.676	497.655	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 497.901 ON APR 13

MAXIMUM INSTANTANEOUS,
497.904 AT 15:48 CST ON APR 22

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 32 N
LONG 102 50 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

THUNDER CREEK NEAR DARMODY - STATION NO. 05JG012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.217	0	0	0	0	0	0	---	---	1
2	---	0 B	0 B	0.488	0	0	0	0	0	0	---	---	2
3	---	0 B	0.0158	0.259	0	0	0	0	0	0	---	---	3
4	---	0 B	0.3098	0.081	0	0	0	0	0	0	---	---	4
5	---	0 B	0.2388	0.048	0	0	0	0	0	0	---	---	5
6	---	0.0018	0.1288	0.034	0	0	0	0	0	0	---	---	6
7	---	0.0028	0.1878	0.026	0	0	0	0	0	0	---	---	7
8	---	0.0048	0.1508	0.022	0	0	0	0	0	0	---	---	8
9	---	0.0058	0.0268	0.019	0	0	0	0	0	0	---	---	9
10	---	0.0078	0.0098	0.016	0	0	0	0	0	0	---	---	10
11	---	0.0118	0.0078	0.013	0	0	0	0	0	0	---	---	11
12	---	0.0178	0.0048	0.012	0	0	0	0	0	0	---	---	12
13	---	0.0188	0.0048	0.010	0	0	0	0	0	0	---	---	13
14	---	0.0128	0.0018	0.008	0	0	0	0	0	0	---	---	14
15	---	0.0058	0.0028	0.007	0	0	0	0	0	0	---	---	15
16	---	0.0018	0.0038	0.005	0	0	0	0	0	0	---	---	16
17	---	0.0028	0.0058	0.003	0	0	0	0	0	0	---	---	17
18	---	0.0028	0.0128	0.003	0	0	0	0	0	0	---	---	18
19	---	0.0028	0.0368	0.001	0	0	0	0	0	0	---	---	19
20	---	0.0038	0.0398	0	0	0	0	0	0	0	---	---	20
21	---	0.0018	0.2118	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0.1208	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0.1458	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0.2238	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0.2318	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0.3888	0	0	0	0	0	0	0	---	---	26
27	---	0 B	0.3808	0	0	0	0	0	0	0	---	---	27
28	---	0 B	0.2678	0	0	0	0	0	0	0	---	---	28
29	---		0.1238	0	0	0	0	0	0	0	---	---	29
30	---		0.1288	0	0	0	0	0	0	0	---	---	30
31	---		0.343		0		0	0		0		---	31
TOTAL	---	0.093	3 745	1 280	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.003	0 121	0 043	0	0	0	0	0	0	---	---	MEAN
MAX	---	0 018	0 369	0 488	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.019
MAXIMUM DAILY, 0.488 ON APR 2
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.7798 AT 20 58 CST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 33 N
LONG 104 18 45 W
DRAINAGE AREA, 933 km²

B - ICE CONDITIONS

REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	8.04	AUG	0
MAR	324	SEP	0
APR	111	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 443 dam³

THYME HILL RIVER BELOW MACKENZIE LAKE - STATION NO 05DB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.05	3.18	2.85	2.57	10.7	16.1	12.5	5.02E	2.84A	3.83	5.93	5.67	1
2	4.03	3.13	2.84	2.56	11.6	17.4	12.1	4.80E	2.83	3.58	6.08	5.85	2
3	4.03	3.12	2.84	2.56	12.8	17.0	11.9	4.75E	2.93	3.70	6.16	5.75A	3
4	4.02	3.06	2.85	2.54	13.7	17.5	11.8	4.60E	2.93	3.82	6.25	5.67E	4
5	4.03	3.03B	2.85	2.58	14.9	18.0	11.3	4.48E	2.84	3.85	6.24	5.62	5
6	3.97	3.11B	2.85	2.56	15.9	18.3	11.0	4.35E	2.91	4.04	6.26	5.59	6
7	3.95	3.02	2.85	2.57	16.8	18.6	10.7	4.22E	3.10	3.99	6.30	5.56	7
8	3.95	2.97	2.83	2.59	17.8	18.6	10.4	4.10E	3.25	4.04	6.30	5.59	8
9	3.92	2.93	2.82	2.60	18.4	18.3	10.2	3.98E	3.29	4.00	6.30	5.58	9
10	3.88	2.89	2.80	2.60	19.1	18.2	9.78	3.87E	3.35	3.97	6.32	5.65	10
11	3.87	2.89	2.56	2.59	19.7	18.2	9.37	3.78E	3.38	4.00	6.38	5.59	11
12	3.90	2.85	2.53	2.61	20.2	18.2	9.13	3.64E	3.42	4.08	6.48	5.53	12
13	3.88	2.83A	2.52	2.84	20.6	18.3	8.83	3.53E	3.45	4.23	6.46	5.51	13
14	3.79	2.82E	2.51	2.84	20.5	17.9	8.50	3.43E	3.58	4.20	6.46	5.46	14
15	3.73	2.84A	2.51	2.88	20.8	17.7	8.47	3.35E	3.54	4.19	6.50	5.38	15
16	3.69	2.88	2.54	2.70	20.8A	17.5	8.31	3.27E	3.54	4.16	6.47	5.31	16
17	3.68A	2.81	2.54	2.75	20.3	17.3	8.07	3.19E	3.57	4.30	6.43	5.30	17
18	3.57E	2.81	2.54	2.84	20.3	16.8	7.75	3.13E	3.58	4.50	6.39	5.28	18
19	3.54E	2.83	2.56	2.92	20.3	16.6	7.50	3.09E	3.58	4.62	6.30	5.25	19
20	3.51A	2.80	2.56	3.05	19.7A	16.2	7.39	3.04E	3.57	4.51	6.23	5.24	20
21	3.48	2.81	2.84	3.33	19.1A	15.7	7.11	3.00E	3.58	4.50	6.28	5.19	21
22	3.43E	2.80	2.66	3.92	18.9	15.3	6.90	2.98E	3.66	4.78	6.22	5.13	22
23	3.37E	2.79	2.65	4.53	18.7	15.3	6.72	2.95E	3.61	4.85	6.15	5.07	23
24	3.34E	2.74	2.65	5.21A	18.2	15.0	6.35	2.92E	3.54	4.74	6.12	5.01	24
25	3.29E	2.72	2.64	5.98	17.8	14.6	6.20	2.90E	3.53	5.06	6.10	4.97	25
26	3.28E	2.70	2.67	6.74	17.6	14.1	5.98	2.88E	3.51	5.32	6.09	4.94	26
27	3.22E	2.67	2.63	7.53	17.2	14.0	5.95	2.87E	3.52	5.24	6.05	4.90	27
28	3.19A	2.65	2.62	8.35A	16.8	13.7	5.82A	2.86E	3.48	5.37	6.00	4.89	28
29	3.18		2.59	9.19A	16.5	13.3	5.50E	2.85E	3.46	5.58	5.95	4.85	29
30	3.19		2.56	9.88	16.0	12.9	5.35E	2.84E	3.50	5.72	5.91	4.77	30
31	3.18		2.56		15.8		5.18E	2.84E		5.68		4.65E	31
TOTAL	113.09	80.68	80.87	117.74	548.9	496.5	282.08	109.59	100.81	138.87	187.09	165.14	TOTAL
MEAN	3.65	2.88	2.80	3.92	17.6	16.6	8.45	3.54	3.38	4.47	6.26	5.33	MEAN
MAX	4.05	3.18	2.67	9.88	20.8	18.6	12.5	5.02	3.66	5.68	6.50	5.87	MAX
MIN	3.18	2.85	2.51	2.54	10.7	12.9	5.18	2.84	2.83	3.58	5.91	4.65	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.57
MAXIMUM DAILY, 20.8 ON MAY 13
MINIMUM DAILY, 2.51 ON MAR 14
MAXIMUM INSTANTANEOUS,
20.9 AT 19:53 CST ON MAY 15

REMARKS -

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 46 10 N
LONG 102 43 50 W
DRAINAGE AREA, 1 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 770	JUL	23 600
FEB	8 970	AUG	9 470
MAR	8 970	SEP	8 710
APR	10 200	OCT	12 000
MAY	47 300	NOV	16 200
JUN	42 900	DEC	14 300

TOTAL DISCHARGE, 207 000 dam³

TOBIN LAKE AT SQUAW RAPIDS SPILLWAY - STATION NO 05KD004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	313.730	313.685	313.443	312.285	313.325	312.979	312.818	313.344	313.595	313.201	313.635	313.699	1
2	313.736	313.678	313.425	312.182	313.310	312.980	312.913	313.351	313.614	313.246	313.662	313.677	2
3	313.749	313.673	313.409	312.215	313.347	312.991	312.969	313.358	313.588	313.244	313.694	313.656	3
4	313.759	313.639	313.391	312.255	313.388	312.999	312.983	313.408	313.548	313.228	313.689	313.672	4
5	313.741	313.602	313.384	312.270	313.380	312.991	312.995	313.458	313.559	313.219	313.673	313.654	5
6	313.734	313.587	313.342	312.317	313.300	312.935	313.010	313.515	313.553	313.221	313.645	313.655	6
7	313.708	313.604	313.331	312.325	313.308	312.882	313.089	313.581	313.535	313.173	313.588	313.690	7
8	313.696	313.632	313.304	312.418	313.305	312.874	313.151	313.630	313.527	313.147	313.511	313.718	8
9	313.672	313.620	313.282	312.484	313.246	312.910	313.197	313.641	313.540	313.184	313.484	313.699	9
10	313.686	313.638	313.210	312.488	313.221	312.900	313.198	313.668	313.485	313.208	313.515	313.711	10
11	313.668	313.670	313.119	312.507	313.195	312.834	313.204	313.674	313.424	313.203	313.529	313.703	11
12	313.658	313.656	312.997	312.563	313.228	312.802	313.176	313.695	313.381	313.249	313.588	313.660	12
13	313.681	313.647	312.918	312.908	313.171	312.782	313.178	313.690	313.380	313.295	313.630	313.640	13
14	313.680	313.611	312.839	312.736	313.138	312.853	313.240	313.707	313.390	313.330	313.677	313.618	14
15	313.638	313.633	312.778	312.858	313.075	312.807	313.295	313.711	313.392	313.342	313.685	313.621	15
16	313.689	313.685	312.694	312.874	313.011	312.806	313.288	313.704	313.390	313.349	313.695	313.635	16
17	313.680	313.709	312.610	313.086	312.984	312.969	313.246	313.693	313.367	313.355	313.649	313.644	17
18	313.646	313.640	312.565	313.186	313.015	312.588	313.237	313.676	313.313	313.333	313.658	313.577	18
19	313.633	313.601	312.513	313.236	312.955	312.542	313.274	313.679	313.251	313.329	313.647	312.530	19
20	313.584	313.558	312.516	313.261	312.914	312.517	313.325	313.679	313.195	313.397	313.639	313.514	20
21	313.615	313.533	312.548	313.265	312.828	312.483	313.563	313.677	313.140	313.442	313.607	313.494	21
22	313.607	313.552	312.531	313.260	312.830	312.497	313.447	313.638	313.103	313.518	313.567	313.512	22
23	313.644	313.545	312.478	313.242	312.843	312.541	313.503	313.622	313.090	313.575	313.521	313.584	23
24	313.675	313.520	312.445	313.242	312.856	312.581	313.539	313.617	313.092	313.583	313.535	313.595	24
25	313.638	313.482	312.383	313.275	312.893	312.588	313.538	313.627	313.082	313.525	313.545	313.618	25
26	313.608	313.486	312.314	313.338	312.957	312.671	313.489	313.642	313.088	313.527	313.578	313.648	26
27	313.623	313.434	312.283	313.347	313.010	312.683	313.481	313.610	313.012	313.544	313.616	313.662	27
28	313.639	313.427	312.319	313.329	312.975	312.679	313.480	313.598	313.045	313.565	313.649	313.674	28
29	313.671		312.348	313.325	312.949	312.700	313.474	313.595	313.081	313.628	313.667	313.681	29
30	313.676		312.345	313.329	312.931	312.749	313.421	313.580	313.183	313.637	313.677	313.631	30
31	313.678		312.349		312.968		313.333	313.589		313.623		313.635	31
MEAN	313.671	313.597	312.619	312.638	313.090	312.739	313.264	313.601	313.328	313.389	313.614	313.635	MEAN
MAX	313.759	313.709	313.443	313.347	313.388	312.999	313.539	313.711	313.614	313.637	313.698	313.718	MAX
MIN	313.584	313.427	312.283	312.182	312.828	312.482	312.818	313.344	313.012	313.147	313.484	313.494	MIN

WATER LEVELS IN METRES

MEAN, 313.286
MAXIMUM DAILY, 313.759 ON JAN 4
MINIMUM DAILY, 312.182 ON APR 2
MAXIMUM INSTANTANEOUS,
313.792 AT 00:38 CST ON JAN 5

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 10 N
LONG 103 23 53 W

REGULATED

TORCH RIVER NEAR LOVE - STATION NO. 05KE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.788	1.768	1.668	1.688	12.1	13.3	4.93	8.37	4.85	2.47	4.12	2.55 B	1
2	1.778	1.768	1.518	1.678	11.9	15.6	5.14	10.8	4.73	2.33	4.07	2.74 B	2
3	1.718	1.798	1.448	1.698	11.5	16.5	5.16	12.4	4.58	2.26	4.11	2.81 B	3
4	1.758	1.788	1.518	1.798	11.5	17.1	5.45	14.3	4.87	2.80	3.55	2.32 B	4
5	1.748	1.828	1.528	1.868	12.1	17.5	6.09	15.2	4.88	2.70	3.058	2.18 B	5
6	1.708	1.828	1.598	4.048	12.2	17.3	11.2	14.7	4.85	3.09	3.568	1.99 B	6
7	1.718	1.978	1.638	7.438	11.8	16.3	13.9	13.8	4.50	3.32	3.898	1.98 B	7
8	1.718	1.948	1.618	15.8 B	11.0	12.2	17.3	12.5	4.35	3.81	4.218	2.00 B	8
9	1.718	2.038	1.568	18.0 B	10.5	9.75	14.8	11.8	4.32	3.78	3.308	2.06 B	9
10	1.718	2.098	1.568	12.5 B	10.8	9.13	11.8	10.1	4.23	3.87	2.788	2.01 B	10
11	1.738	2.188	1.558	11.2 B	10.2	8.97	10.6	8.84	4.13	3.84	2.658	2.06 B	11
12	1.838	2.138	1.408	9.758	9.97	9.55	10.4	9.88	4.03	3.84	3.498	1.84 B	12
13	1.848	2.188	1.388	12.1 B	9.84	9.47	9.83	11.0	4.03	4.11	3.558	1.85 B	13
14	1.818	2.188	1.308	10.3 B	9.96	9.87	9.23	10.7	3.90	4.30	3.238	1.58 B	14
15	1.868	2.208	1.268	10.7 B	10.6	9.82	8.88	10.2	3.86	4.84	4.088	1.55 B	15
16	1.848	2.178	1.368	13.6 B	10.5	9.02	9.11	9.89	3.51	4.92	2.988	1.48 B	16
17	1.808	2.188	1.428	14.1 B	9.82	8.79	9.88	9.56	3.41	4.78	3.198	1.40 B	17
18	1.278	2.168	1.478	14.7 B	9.46	8.74	11.3	9.22	3.32	4.59	3.778	1.36 B	18
19	1.408	2.038	1.538	16.1 B	8.83	8.75	11.6	8.43	3.22	4.48	2.898	1.33 B	19
20	1.548	1.948	1.538	15.0	8.42	8.21	11.7	7.57	3.13	4.40	3.438	1.29 B	20
21	1.668	1.988	1.488	15.2	8.03	7.82	12.5	7.31	2.97	4.35	3.058	1.32 B	21
22	1.828	1.968	1.458	15.7	7.75	7.40	12.6	7.28	2.84	4.24	2.488	1.45 B	22
23	1.878	2.088	1.468	14.4	7.38	7.84	11.7	7.70	2.73	4.13	2.338	1.54 B	23
24	1.708	2.048	1.488	13.8	7.01	8.11	11.2	7.53	2.68	3.27	2.368	1.06 B	24
25	1.668	1.978	1.548	12.8	6.93	7.55	11.0	7.07	2.55	4.10	2.368	0.9138	25
26	1.668	1.948	1.568	12.8	6.71	7.23	10.2	6.65	2.57	4.11	2.368	1.00 B	26
27	1.688	1.908	1.558	13.0	7.11	6.91	9.71	6.34	2.57	4.26	2.488	0.8978	27
28	1.668	1.798	1.458	13.4	8.26	6.31	9.24	6.19	2.54	3.92	2.678	0.8078	28
29	1.778		1.338	13.0	9.31	6.82	8.43	5.81	2.55	4.75	2.608	0.8468	29
30	1.768		1.418	12.6	9.53	6.13	7.58	5.36	2.41	4.60	2.558	0.8668	30
31	1.778		1.718		8.44		7.41	5.23		4.35		0.9068	31
TOTAL	51.39	55.72	46.22	331.52	300.45	305.48	313.97	290.74	108.97	120.37	94.71	49.581	TOTAL
MEAN	1.66	1.99	1.49	11.1	9.69	10.2	10.1	9.38	3.63	3.88	3.16	1.60	MEAN
MAX	1.77	2.20	1.71	18.0	12.2	17.5	17.3	15.2	4.85	4.92	4.21	2.74	MAX
MIN	1.27	1.76	1.26	1.67	6.71	5.13	4.93	5.23	2.41	2.26	2.33	0.807	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.57
MAXIMUM DAILY, 18.0B ON APR 8
MINIMUM DAILY, 0.8078 ON DEC 28

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 15 N
LONG 104 08 40 W
DRAINAGE AREA, 4 850 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 440	JUL	27 100
FEB	4 810	AUG	25 100
MAR	3 990	SEP	9 420
APR	28 600	OCT	10 400
MAY	25 900	NOV	8 180
JUN	26 400	DEC	4 280

TOTAL DISCHARGE, 179 000 dam³

TURTLE LAKE NEAR GLASLYN - STATION NO. 05EG008

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	654.883	654.916	---	---	---	---	1
2	---	---	---	---	---	654.945	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	654.916	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	654.775	---	---	8
9	---	---	---	---	---	---	---	654.898	---	---	---	---	9
10	---	---	---	---	---	---	654.927	654.898	---	---	---	---	10
11	---	---	---	---	---	654.945	654.927	654.908	---	---	---	---	11
12	---	---	---	---	---	---	654.927	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	654.988	---	---	654.906	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	654.972	---	---	654.905	---	---	---	---	16
17	---	---	---	---	---	---	654.921	---	---	---	---	---	17
18	---	---	---	---	---	---	654.918	---	---	---	---	---	18
19	---	---	---	---	---	654.918	654.917	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	654.964	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	654.945	---	654.927	---	---	---	---	---	24
25	---	---	---	---	654.945	---	---	---	---	---	---	---	25
26	---	---	---	---	654.945	654.884	---	---	---	---	---	---	26
27	---	---	---	---	---	654.883	---	---	---	---	---	---	27
28	---	---	---	---	654.948	---	---	---	---	---	---	---	28
29	---		---	---	---	654.884	654.917	---	---	---	---	---	29
30	---		---	654.979	---	---	654.916	---	---	---	---	---	30
31	---		---		---		654.916	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 36 50 N
LONG 104 35 07 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TURTLELAKE RIVER NEAR TURTLEFORD - STATION NO. 05EG005

1987

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2638	0.6208	1.25	0.547	0.298	0.143	0.071	0.049	---	---	1
2	---	---	0.2638	0.7268	1.17	0.552	0.252	0.143	0.070	0.049	---	---	2
3	---	---	0.2638	0.9638	1.22	0.471	0.202	0.143	0.068	0.050	---	---	3
4	---	---	0.2638	1.39 B	1.13	0.807	0.239	0.142	0.067	0.050	---	---	4
5	---	---	0.2608	2.29 B	0.916	0.699	0.270	0.134	0.065	0.051	---	---	5
6	---	---	0.2558	5.26 B	0.623	0.463	0.219	0.178	0.083	0.051	---	---	6
7	---	---	0.2438	6.35 B	0.727	0.338	0.208	0.141	0.081	0.051	---	---	7
8	---	---	0.2608	5.96 B	0.742	0.378	0.182	0.081	0.059	0.052	---	---	8
9	---	---	0.2108	4.64 B	0.742	0.117	0.157	0.091	0.058	0.053	---	---	9
10	---	---	0.2468	3.87 B	0.928	0.140	0.160	0.173	0.057	0.054	---	---	10
11	---	---	0.2658	3.41 B	1.22	0.180	0.126	0.206	0.058	0.056	---	---	11
12	---	---	0.2658	3.27 B	1.13	0.205	0.110	0.283	0.054	0.059	---	---	12
13	---	---	0.2658	3.05 B	1.14	0.225	0.108	0.321	0.053	0.062	---	---	13
14	---	---	0.2658	2.81 B	1.27	0.255	0.095	0.233	0.053	0.065	---	---	14
15	---	---	0.2658	2.51	1.43	0.310	0.084	0.182	0.052	0.072	---	---	15
16	---	---	0.2658	2.26	1.10	0.230	0.089	0.132	0.051	0.088	---	---	16
17	---	---	0.2658	2.13	1.01	0.236	0.091	0.099	0.051	0.128	---	---	17
18	---	---	0.2658	2.01	0.887	0.261	0.091	0.098	0.050	0.196	---	---	18
19	---	---	0.2658	2.05	1.08	0.283	0.122	0.098	0.050	0.317	---	---	19
20	---	---	0.2658	1.99	1.08	0.305	0.185	0.097	0.050	0.268	---	---	20
21	---	---	0.2658	1.29	1.08	0.287	0.147	0.095	0.049	0.292	---	---	21
22	---	---	0.2658	1.84	1.01	0.225	0.110	0.093	0.049	0.217	---	---	22
23	---	---	0.2658	2.36	1.02	0.175	0.145	0.091	0.049	0.209	---	---	23
24	---	---	0.2658	1.90	0.574	0.140	0.168	0.089	0.049	0.315	---	---	24
25	---	---	0.2658	1.82	0.546	0.179	0.188	0.087	0.049	0.237	---	---	25
26	---	---	0.2658	1.78	0.487	0.202	0.128	0.085	0.049	0.158	---	---	26
27	---	---	0.2658	1.88	0.500	0.273	0.141	0.083	0.049	0.349	---	---	27
28	---	---	0.2908	1.54	0.849	0.227	0.143	0.079	0.049	0.355A	---	---	28
29	---		0.3108	1.38	0.628	0.182	0.130	0.077	0.049	0.355E	---	---	29
30	---		0.3508	1.32	0.539	0.191	0.129	0.075	0.049	0.355E	---	---	30
31	---		0.4108		0.569		0.142	0.073		0.355E		---	31
TOTAL	---	---	8.811	78.369	28.518	8.880	4.814	4.044	1.848	8.021	---	---	TOTAL
MEAN	---	---	0.284	2.54	0.920	0.296	0.155	0.130	0.055	0.182	---	---	MEAN
MAX	---	---	0.410	6.35	1.43	0.699	0.298	0.321	0.071	0.355	---	---	MAX
MIN	---	---	0.210	0.620	0.487	0.117	0.089	0.073	0.049	0.049	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.554
MAXIMUM DAILY, 6.35B ON APR 7
MINIMUM DAILY, 0.049 ON SEP 21
MAXIMUM INSTANTANEOUS,
10.78 AT 04:25 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 22 37 N
LONG 108 57 04 W
DRAINAGE AREA, 2 310 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	418
FEB	---	AUG	349
MAR	781	SEP	182
APR	5 800	OCT	434
MAY	2 480	NOV	---
JUN	787	DEC	---

TOTAL DISCHARGE, 11 900 dam³

UNNAMED CREEK NEAR CUTBANK - STATION NO. 05MF022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.5108	0.001	0.001	0	0	0	0	---	---	1
2	---	---	0 B	0.4858	0.001	0.001	0	0	0	0	---	---	2
3	---	---	0 B	0.312	0.001	0	0	0	0	0	---	---	3
4	---	---	0 B	0.198	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.132	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.095	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.069	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.054	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.037	0.016	0	0	0	0	0	---	---	9
10	---	---	0 B	0.016	0.054	0	0	0	0	0	---	---	10
11	---	---	0.0028	0.016	0.070	0	0	0	0	0	---	---	11
12	---	---	0 B	0.017	0.054	0	0	0	0	0	---	---	12
13	---	---	0.0188	0.013	0.035	0	0	0	0	0	---	---	13
14	---	---	0.0228	0.012	0.026	0	0	0	0	0	---	---	14
15	---	---	0.0388	0.011	0.017	0	0	0	0	0	---	---	15
16	---	---	0.0448	0.011	0.006	0	0	0	0	0	---	---	16
17	---	---	0.0328	0.010	0.003	0	0	0	0	0	---	---	17
18	---	---	0.0348	0.009	0.002	0	0	0	0	0	---	---	18
19	---	---	0.0488	0.010	0.002	0	0	0	0	0	---	---	19
20	---	---	0.0488	0.012	0.001	0	0	0	0	0	---	---	20
21	---	---	0.0988	0.018	0.001	0	0	0	0	0	---	---	21
22	---	---	0.0858	0.015	0.001	0	0	0	0	0	---	---	22
23	---	---	0.0648	0.011	0.001	0	0	0	0	0	---	---	23
24	---	---	0.0488	0.017	0	0	0	0	0	0	---	---	24
25	---	---	0.0888	0.025	0	0	0	0	0	0	---	---	25
26	---	---	0.4138	0.015	0	0	0	0	0	0	---	---	26
27	---	---	0.2238	0.006	0	0	0	0	0	0	---	---	27
28	---	---	0.1518	0.004	0.001	0	0	0	0	0	---	---	28
29	---		0.2348	0.002	0.001	0	0	0	0	0	---	---	29
30	---		0.2598	0.001	0	0	0	0	0	0	---	---	30
31	---		0.2848		0.001		0	0		0		---	31
TOTAL	---	---	2.204	2.186	0.285	0.002	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.071	0.072	0.010	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.413	0.510	0.070	0.001	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.019
MAXIMUM DAILY, 0.510B ON APR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.774B AT 12:15 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 28 N
LONG 109 52 15 W
DRAINAGE AREA, 189 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	190	SEP	0
APR	187	OCT	0
MAY	25 5	NOV	---
JUN	0 17	DEC	---

TOTAL DISCHARGE, 403 dam³

VAL MARIE PUMP NO 1 - STATION NO 11AC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0E	0	0	---	---	1
2	---	---	0	0	0	0	0	0E	0	0	---	---	2
3	---	---	0	0	0	0	0	0E	0	0	---	---	3
4	---	---	0	0	0	0	0	0E	0	0	---	---	4
5	---	---	0	0	0	0	0	0A	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0.001	0	0	0	0	0	---	---	10
11	---	---	0	0	0.152	0	0	0	0	0	---	---	11
12	---	---	0	0	0.251	0	0	0	0	0	---	---	12
13	---	---	0	0	0.263	0	0.089	0	0	0	---	---	13
14	---	---	0	0	0.264	0	0.270	0	0	0	---	---	14
15	---	---	0	0	0.259	0	0.248	0	0	0	---	---	15
16	---	---	0	0	0.253	0	0.178	0	0	0	---	---	16
17	---	---	0	0	0.255	0	0.260	0	0	0	---	---	17
18	---	---	0	0	0.264	0	0.114	0	0	0	---	---	18
19	---	---	0	0	0.264	0	0.095	0	0	0	---	---	19
20	---	---	0	0	0.238	0	0.216	0	0	0	---	---	20
21	---	---	0	0	0.102	0	0.211	0	0	0	---	---	21
22	---	---	0	0	0	0	0.208	0	0	0	---	---	22
23	---	---	0	0	0	0	0.204	0	0	0	---	---	23
24	---	---	0	0	0	0	0.210A	0	0	0	---	---	24
25	---	---	0	0	0	0	0.200E	0	0	0	---	---	25
26	---	0	0	0	0	0	0.195E	0	0	0	---	---	26
27	---	0	0	0	0	0	0.048E	0	0	0	---	---	27
28	---	0	0	0	0	0	0 E	0	0	0	---	---	28
29	---		0	0	0	0	0 E	0	0	0	---	---	29
30	---		0	0	0	0	0 E	0	0	0	---	---	30
31	---		0		0		0 E	0		0		---	31
TOTAL	---	---	0	0	2.573	0	2.756	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.083	0	0.089	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.264	0	0.270	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.022
MAXIMUM DAILY, 0.270 ON JUL 14
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 46 N
LONG 107 50 51 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	238
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	222	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 480 dam³

VAN PATTENS CREEK NEAR KUROKI - STATION NO. 05MB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.0088	0.012	0	0	0	0	0	---	---	1
2	---	---	0B	0.0838	0.004	0	0	0	0	0	---	---	2
3	---	---	0B	0.0078	0.006	0	0	0	0	0	---	---	3
4	---	---	0B	0.0178	0.007	0	0	0	0	0	---	---	4
5	---	---	0B	1.70 8	0.019	0	0	0	0	0	---	---	5
6	---	---	0B	3.88	0.008	0	0	0	0	0	---	---	6
7	---	---	0B	3.18	0.003	0	0	0	0	0	---	---	7
8	---	---	0B	2.61	0	0	0	0	0	0	---	---	8
9	---	---	0B	2.08	0	0	0	0	0	0	---	---	9
10	---	---	0B	1.18	0	0	0	0	0	0	---	---	10
11	---	---	0B	0.328	0	0.053	0	0	0	0	---	---	11
12	---	---	0B	0.382	0	0.024	0	0	0	0	---	---	12
13	---	---	0B	0.351	0	0.003	0	0	0	0	---	---	13
14	---	---	0B	0.342	0	0	0	0	0	0	---	---	14
15	---	---	0B	0.138	0	0	0	0	0	0	---	---	15
16	---	---	0B	0.088	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.078	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.068	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.063	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.057	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.046	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.035	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.032	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.026	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.039	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.027	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.031	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.032	0	0	0	0	0	0	---	---	28
29	---		0B	0.025	0	0	0	0	0	0	---	---	29
30	---		0B	0.016	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	16.859	0.083	0.080	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.552	0.002	0.003	0	0	0	0	---	---	MEAN
MAX	---	---	0	3.88	0.019	0.053	0	0	0	0	---	---	MAX
MIN	---	---	0	0.007	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 3.88 ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.80 AT 09:37 CST ON APR 6

REMARKS - STATION DISCONTINUED AFTER THE 1987 SEASON

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 03 N
LONG 103 35 11 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 430	OCT	0
MAY	5.44	NOV	---
JUN	6.91	DEC	---

TOTAL DISCHARGE, 1 440 dam³

VIDORA DITCH NEAR CONSUL - STATION NO. 11AB084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.003	0	0	0	0	---	---	1
2	---	---	0	0	0	0.002	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0.502	0	0	0	0	---	---	8
9	---	---	0	0	0	1.06	0	0	0	0	---	---	9
10	---	---	0	0	0	1.08	0	0	0	0	---	---	10
11	---	---	0	0	0	1.11	0	0	0	0	---	---	11
12	---	---	0	0	0	1.12	0	0	0	0	---	---	12
13	---	---	0	0	0	0.887	0	0	0	0	---	---	13
14	---	---	0	0	0.373A	0.413	0	0	0	0	---	---	14
15	---	---	0	0	1.32	0.251	0	0	0	0	---	---	15
16	---	---	0	0	1.58	0	0	0	0	0	---	---	16
17	---	---	0	0	1.55	0	0	0	0	0	---	---	17
18	---	---	0	0	1.54	0	0	0	0	0	---	---	18
19	---	---	0	0	1.51	0	0	0	0	0	---	---	19
20	---	---	0	0	1.55	0	0	0	0	0	---	---	20
21	---	---	0	0	1.58	0	0	0	0	0	---	---	21
22	---	---	0	0	1.62	0	0	0	0	0	---	---	22
23	---	---	0	0	1.66	0	0	0	0	0	---	---	23
24	---	---	0	0	1.63	0	0	0	0	0	---	---	24
25	---	---	0	0	1.73	0	0	0	0	0	---	---	25
26	---	0	0	0	1.83	0	0	0	0	0	---	---	26
27	---	0	0	0	1.81	0	0	0	0	0	---	---	27
28	---	0	0	0	0.880	0	0	0	0	0	---	---	28
29	---		0	0	0.010	0	0	0	0	0	---	---	29
30	---		0	0	0.005	0	0	0	0	0	---	---	30
31	---		0		0.004		0	0		0		---	31
TOTAL	---	---	0	0	32.302	6.238	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.719	0.208	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	1.88	1.12	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.116
MAXIMUM DAILY, 1.88 ON MAY 23
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 27 N
LONG 109 35 30 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 930	NOV	---
JUN	539	DEC	---

TOTAL DISCHARGE, 2 470 dam³

WAKAW LAKE NEAR WAKAW - STATION NO. 05KA012

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	509.391	---	509.300	---	1
2	---	---	---	---	---	---	509.424	---	509.391	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	509.488	---	---	---	---	---	---	4
5	---	---	---	---	509.583	---	---	---	509.384	509.345	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	509.473	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	509.488	---	509.389	509.376	---	---	---	9
10	---	---	---	---	---	509.480	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	509.421	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	509.389	---	---	---	13
14	---	---	---	---	---	---	---	---	---	509.304	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	509.417	509.414	---	---	---	---	16
17	---	---	---	---	509.528	---	---	---	---	---	---	---	17
18	---	---	---	---	---	509.485	---	---	509.367	---	---	---	18
19	---	---	---	---	---	---	---	---	---	509.310	---	---	19
20	---	---	---	---	---	---	509.418	---	---	---	---	---	20
21	---	---	---	---	509.504	---	---	---	---	---	---	---	21
22	---	---	---	---	509.504	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	509.484	---	---	509.388	---	---	---	---	24
25	---	---	---	---	---	509.443	---	---	---	---	---	---	25
26	---	---	---	---	509.484	---	509.412	---	---	---	---	---	26
27	---	---	---	---	---	509.427	---	509.387	---	---	---	---	27
28	---	---	---	---	509.485	---	509.400	---	---	---	---	---	28
29	---		---	509.582	---	509.427	509.405	---	509.348	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 38 41 N
LONG 105 37 34 W
DATA CONTRIBUTED BY
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WALDSEA LAKE NEAR HUMBOLDT - STATION NO. 05KA010

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	532.610	---	---	---	---	532.484	---	---	3
4	---	---	---	---	---	---	532.491	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	532.483	---	---	---	5
					---	532.550	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	532.335	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	532.491	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	532.600	---	---	---	---	532.424	---	---	10
					---	---	532.501	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	532.453	---	---	---	12
13	---	---	---	---	---	532.550	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	532.502	---	---	532.325	---	15
					---	---	---	---	---	---	---	---	
16	---	---	---	---	532.570	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	532.501	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	532.385	---	---	19
20	---	---	---	---	---	532.511	---	---	532.433	---	---	---	20
					---	---	---	---	---	---	---	---	
21	---	---	---	---	---	---	---	---	---	532.342	532.315	---	21
22	---	---	---	---	---	---	---	532.482	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	532.550	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	532.531	---	---	532.365	---	---	25
					---	---	---	---	532.394	---	---	---	
26	---	---	---	---	---	532.481	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	532.472	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	532.515	---	---	532.515	---	---	---	---	---	30
31	---		---	---	532.570	---	---	---	---	532.335	---	---	31
			---		---		532.501	---		---		---	
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 18 48 N
LONG 105 11 33 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WASCANA CREEK BELOW KRONAU MARSH - STATION NO. 05JF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 e	1.54 e	0.038	1.06	0	0	0	0	---	---	1
2	---	---	0 e	1.37	0.040	1.03	0	0	0	0	---	---	2
3	---	---	0 e	1.80	0.045	1.16	0	0	0	0	---	---	3
4	---	---	0 e	1.88	0.063	1.14	0	0	0	0	---	---	4
5	---	---	0 e	1.56	0.037	0.973	0	0	0	0	---	---	5
6	---	---	0 e	1.56	0.038	0.703	0	0	0	0	---	---	6
7	---	---	0 e	1.42	0.035	0.453	0	0	0	0	---	---	7
8	---	---	0.0138	1.30	0.024	0.338	0	0	0	0	---	---	8
9	---	---	0.2688	1.16	0.028	0.279	0	0	0	0	---	---	9
10	---	---	0.1008	1.02	0.010	0.214	0	0	0	0	---	---	10
11	---	---	0.0348	1.03	0.013	0.131	0	0	0	0	---	---	11
12	---	---	0.0058	0.893	0.006	0.083	0	0	0	0	---	---	12
13	---	---	0.0018	0.833	0.001	0.014	0	0	0	0	---	---	13
14	---	---	0 e	0.717	0.003	0.004	0	0	0	0	---	---	14
15	---	---	0 e	0.526	0.001	0	0	0	0	0	---	---	15
16	---	---	0.0018	0.424	0	0	0	0	0	0	---	---	16
17	---	---	0.0078	0.370	0	0	0	0	0	0	---	---	17
18	---	---	0.0088	0.327	0	0	0	0	0	0	---	---	18
19	---	---	0.0028	0.270	0	0	0	0	0	0	---	---	19
20	---	---	0 e	0.287	0	0	0	0	0	0	---	---	20
21	---	---	0 e	0.282	0	0	0	0	0	0	---	---	21
22	---	---	0.0938	0.187	0	0	0	0	0	0	---	---	22
23	---	---	1.37 e	0.178	0	0	0	0	0	0	---	---	23
24	---	---	1.77 e	0.164	0	0	0	0	0	0	---	---	24
25	---	---	1.84 e	0.138	0	0	0	0	0	0	---	---	25
26	---	---	1.88 e	0.094	0	0	0	0	0	0	---	---	26
27	---	---	1.70 e	0.118	0	0	0	0	0	0	---	---	27
28	---	---	1.55 e	0.084	0	0	0	0	0	0	---	---	28
29	---		2.02 e	0.080	0.008	0	0	0	0	0	---	---	29
30	---		2.11 e	0.045	0.085	0	0	0	0	0	---	---	30
31	---		1.83 e		0.814	0	0	0	0	0	---	---	31
					1.20		0	0					
TOTAL	---	---	16.801	21.215	2.590	7.560	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.542	0.707	0.084	0.252	0	0	0	0	---	---	MEAN
MAX	---	---	2.11	1.80	1.20	1.16	0	0	0	0	---	---	MAX
MIN	---	---	0	0.045	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.197
MAXIMUM DAILY, 2.118 ON MAR 30
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
2.219 AT 19:41 CST ON MAR 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 07 N
LONG 104 26 03 W
DRAINAGE AREA, 2 980 km²

e - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 460	SEP	0
APR	1 830	OCT	0
MAY	224	NOV	---
JUN	653	DEC	---

TOTAL DISCHARGE, 4 18[illegible] dam³

WASCANA CREEK NEAR LUMSDEN - STATION NO. 05JF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2638	0.8908	0.3498	5.268	1.16	1.89	1.32	0.923	1.30	0.818	0.892	0.5558	1
2	0.1388	0.6458	0.2798	4.968	1.21	2.24	1.42	0.999	1.04	0.840	0.817	0.8378	2
3	0.1188	0.4908	0.2568	4.368	1.32	1.87	1.32	0.983	0.782	0.858	0.807	0.7178	3
4	0.1048	0.4708	0.3228	4.888	1.31	1.64	1.07	0.944	0.423	0.870	0.781	0.7138	4
5	0.1498	0.4688	0.4858	4.568	1.14	1.83	0.887	0.915	0.249	0.870	0.783	0.6948	5
6	0.2158	0.2828	1.80 B	4.708	0.944	1.56	1.04	0.880	0.188	0.880	0.800	0.8778	6
7	0.2428	0.2418	3.36 B	4.118	0.938	1.71	4.02	0.813	0.184	0.889	0.794	0.8598	7
8	0.4028	0.2948	2.01 B	3.548	1.01	1.81	1.87	0.780	0.233	0.875	0.791	0.8718	8
9	0.3408	0.3138	1.08 B	3.20	0.942	1.32	1.07	0.817	0.237	0.871	0.782	0.8528	9
10	0.4368	0.5638	1.28 B	2.97	0.928	1.32	0.873	0.791	0.248	0.885	0.857	0.8458	10
11	0.5198	0.6348	1.01 B	2.70	0.882	1.48	0.848	0.722	0.210	0.870	0.924	0.4778	11
12	0.6598	0.5848	1.05 B	2.68	0.852	2.00	0.892	0.721	0.188	0.883	0.810	0.4428	12
13	0.5828	0.4818	0.9508	2.40	0.846	1.18	0.927	0.688	0.238	0.868	0.782	0.5128	13
14	0.3578	0.4768	0.9208	2.08	0.884	1.04	0.818	0.728	0.254	0.888	0.878	0.5368	14
15	0.3638	0.7308	0.9008	1.83	0.840	0.988	0.738	0.887	0.210	0.884	0.719	0.5328	15
16	0.6198	0.8178	0.8858	1.82	0.880	0.901	0.705	0.911	0.184	0.935	0.8588	0.2938	16
17	0.6318	0.9598	0.8908	1.70	0.886	0.884	0.883	0.888	0.138	0.923	0.8928	0.3268	17
18	0.6048	1.05 B	0.8938	1.84	0.888	0.873	0.751	0.906	0.158	0.910	0.5388	0.5838	18
19	0.6178	1.14 B	0.9138	1.81	0.891	0.851	0.936	0.903	0.478	0.921	0.5088	0.7958	19
20	0.6998	0.9928	1.06 B	1.84	0.844	0.808	4.78	0.920	0.531	0.824	0.4888	0.9478	20
21	0.7898	0.7818	1.39 B	1.28	0.890	0.773	1.81	0.794	0.516	0.837	0.5088	1.04 B	21
22	0.8088	0.7798	4.35 B	1.24	0.898	0.767	1.33	0.701	0.482	0.804	0.8308	0.8708	22
23	0.4748	0.7008	5.02 B	1.27	0.850	0.785	1.18	0.700	0.419	0.833	0.7828	0.8388	23
24	0.5438	0.6508	4.67 B	1.20	0.893	0.798	1.45	0.861	0.376	0.838	0.7718	0.8858	24
25	0.8538	0.8428	3.80 B	1.19	0.884	0.765	1.48	0.878	0.383	0.976	0.8318	0.2678	25
26	0.8888	0.8348	3.05 B	1.22	0.812	0.785	1.36	0.984	0.481	0.882	0.5478	0.2418	26
27	0.8578	0.5448	4.36 B	1.11	0.757	0.795	1.20	1.13	0.535	0.838	0.8048	0.2808	27
28	0.5878	0.4338	5.51 B	1.08	4.03	0.816	1.08	1.48	0.840	0.379	0.5488	0.8328	28
29	0.5818		3.98 B	1.08	5.37	0.840	0.988	1.13	0.822	0.348	0.5558	0.4818	29
30	0.6758		4.94 B	1.06	1.89	1.25	0.971	1.06	0.808	0.480	0.5388	0.4378	30
31	0.8748		5.36 B		1.42		0.887	1.84		0.814		0.4158	31
TOTAL	15.340	17.750	88.938	74.39	36.006	38.005	40.720	28.747	12.510	25.387	20.888	18.181	TOTAL
MEAN	0.495	0.634	2.22	2.48	1.23	1.20	1.31	0.927	0.417	0.818	0.898	0.587	MEAN
MAX	0.874	1.14	5.84	5.28	5.37	2.24	4.78	1.84	1.30	0.978	0.824	1.04	MAX
MIN	0.108	0.241	0.298	1.08	0.757	0.765	0.883	0.688	0.139	0.348	0.488	0.241	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.09
MAXIMUM DAILY, 5.948 ON MAR 30
MINIMUM DAILY, 0.1088 ON JAN 4
MAXIMUM INSTANTANEOUS,
11.4 AT 21:59 CST ON MAY 25

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 10 N
LONG 104 54 35 W
DRAINAGE AREA, 4 620 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 330	JUL	3 520
FEB	1 530	AUG	2 480
MAR	5 960	SEP	1 080
APR	6 430	OCT	2 190
MAY	3 280	NOV	1 800
JUN	3 110	DEC	1 570

TOTAL DISCHARGE, 34 390 dam³

WASCANA CREEK NEAR SEDLEY - STATION NO. 05JF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.11 B	0.024	0.006	0	0	0	0	---	---	1
2	---	---	0 B	0.9948	0.023	0.006	0	0	0	0	---	---	2
3	---	---	0 B	0.9238	0.023	0.004	0	0	0	0	---	---	3
4	---	---	0 B	0.881	0.020	0.002	0	0	0	0	---	---	4
5	---	---	0 B	0.766	0.017	0.001	0	0	0	0	---	---	5
6	---	---	0 B	0.641	0.014	0.001	0	0	0	0	---	---	6
7	---	---	0.0078	0.547	0.012	0	0	0	0	0	---	---	7
8	---	---	0.0088	0.473	0.010	0	0	0	0	0	---	---	8
9	---	---	0.0038	0.421	0.008	0	0	0	0	0	---	---	9
10	---	---	0.0038	0.386	0.006	0	0	0	0	0	---	---	10
11	---	---	0.0088	0.341	0.005	0	0	0	0	0	---	---	11
12	---	---	0.0498	0.302	0.004	0	0	0	0	0	---	---	12
13	---	---	0.0358	0.247	0.002	0	0	0	0	0	---	---	13
14	---	---	0.0268	0.186	0.002	0	0	0	0	0	---	---	14
15	---	---	0.0218	0.152	0.001	0	0	0	0	0	---	---	15
16	---	---	0.0198	0.121	0.001	0	0	0	0	0	---	---	16
17	---	---	0.0178	0.098	0.001	0	0	0	0	0	---	---	17
18	---	---	0.0148	0.080	0	0	0	0	0	0	---	---	18
19	---	---	0.0168	0.073	0	0	0	0	0	0	---	---	19
20	---	---	0.0338	0.063	0	0	0	0	0	0	---	---	20
21	---	---	0.1708	0.056	0	0	0	0	0	0	---	---	21
22	---	---	0.5048	0.055	0	0	0	0	0	0	---	---	22
23	---	---	0.5378	0.053	0	0	0	0	0	0	---	---	23
24	---	---	0.5438	0.053	0	0	0	0	0	0	---	---	24
25	---	---	0.5758	0.051	0	0	0	0	0	0	---	---	25
26	---	---	0.5358	0.048	0	0	0	0	0	0	---	---	26
27	---	---	0.5718	0.043	0	0	0	0	0	0	---	---	27
28	---	---	0.4388	0.038	0.027	0	0	0	0	0	---	---	28
29	---	---	0.5478	0.033	0.045	0	0	0	0	0	---	---	29
30	---	---	1.36 B	0.027	0.025	0	0	0	0	0	---	---	30
31	---	---	1.24 B		0.012		0	0		0	---	---	31
TOTAL	---	---	7.298	9.232	0.282	0.022	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.235	0.308	0.009	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	1.36	1.11	0.045	0.006	0	0	0	0	---	---	MAX
MIN	---	---	0	0.027	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.068
MAXIMUM DAILY, 1.388 ON MAR 30
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.839 AT 12 43 CST ON MAR 30

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 10 N
LONG 104 01 50 W
DRAINAGE AREA, 1 520 km²

B - ICE CONDITIONS

REGULATED SINCE 1950

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	831	SEP	0
APR	798	OCT	0
MAY	24.4	NOV	---
JUN	1.90	DEC	---

TOTAL DISCHARGE, 1 480 dam³

WASCANA LAKE AT THE MARINA - STATION NO. 05JF015

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	570.377	570.322	570.277	570.776	570.585	570.885	570.517	570.544	570.398E	570.314	570.310	570.289	1
2	570.377	570.327	570.275	570.774	570.589	570.857	570.516	570.532	570.384E	570.323	570.299	570.288	2
3	570.377	570.323	570.273	570.768	570.580	570.871	570.517	570.527	570.365A	570.315	570.300	570.288	3
4	570.376	570.321	570.274	570.763	570.584	570.871	570.510	570.523	570.382	570.287	570.291	570.287	4
5	570.374	570.317	570.306	570.757	570.580	570.884	570.505	570.513	570.384	570.292	570.301	570.288	5
6	570.370	570.316	570.388	570.747	570.582	570.863	570.527	570.504	570.354	570.296	570.304	570.287	6
7	570.370	570.314	570.461	570.738	570.583	570.848	570.532	570.498	570.348	570.308	570.296	570.287	7
8	570.368	570.313	570.474	570.730	570.578	570.848	570.534	570.480	570.348	570.284	570.298	570.287	8
9	570.365	570.312	570.486	570.714	570.580	570.837	570.529	570.484	570.352	570.290	570.298	570.287	9
10	570.362	570.311	570.491	570.717	570.585	570.833	570.524	570.483	570.357	570.294	570.297	570.289	10
11	570.361	570.308	570.494	570.714	570.581	570.825	570.522	570.483	570.358	570.293	570.298	570.287	11
12	570.358	570.307	570.493	570.692	570.543	570.822	570.517	570.457	570.354	570.295	570.298	570.288	12
13	570.354	570.306	570.493	570.691	570.530	570.810	570.511	570.452	570.357	570.274	570.297	570.286	13
14	570.354	570.302	570.499	570.679	570.531	570.806	570.504	570.451	570.347	570.294	570.301	570.285	14
15	570.349	570.297	570.501	570.670	570.521	570.798	570.493	570.449	570.348	570.298	570.285	570.285	15
16	570.349	570.297	570.505	570.684	570.518	570.782	570.484	570.445	570.356	570.298	570.293	570.285	16
17	570.347	570.294	570.514	570.655	570.513	570.788	570.481	570.444	570.360	570.291	570.295	570.282	17
18	570.346	570.290	570.520	570.663	570.514	570.780	570.518	570.437	570.359	570.288	570.292	570.284	18
19	570.344	570.288	570.530	570.633	570.498	570.554	570.584	570.429	570.356	570.288	570.291	570.282	19
20	570.346	570.287	570.549	570.639	570.478	570.545	570.593	570.425	570.357	570.286	570.294	570.281	20
21	570.343	570.286	570.578	570.635	570.483	570.536	570.595	570.410	570.356	570.286	570.293	570.283	21
22	570.340	570.285	570.623	570.629	570.481	570.529	570.594	570.406	570.349	570.286	570.292	570.281	22
23	570.338	570.286	570.664	570.631	570.475	570.518	570.592	570.406	570.350	570.295	570.292	570.281	23
24	570.338	570.285	570.697	570.630	570.478	570.504	570.594	570.403	570.348	570.300	570.291	570.280	24
25	570.333	570.283	570.732	570.622	570.478	570.490	570.598	570.398	570.344	570.301	570.290	570.282	25
26	570.330	570.283	570.768	570.606	570.472	570.484	570.590	570.392	570.348	570.286	570.290	570.282	26
27	570.330	570.282	570.772	570.617	570.502	570.480	570.581	570.389	570.331	570.297	570.290	570.284	27
28	570.328	570.279	570.771	570.614	570.519	570.485	570.572	570.380	570.329	570.302	570.290	570.285	28
29	570.328		570.766	570.618	570.542	570.499	570.582	570.392	570.327	570.300	570.288	570.285	29
30	570.325		570.768	570.598	570.574	570.505	570.558	570.412	570.328	570.311	570.283	570.285	30
31	570.322		570.775		570.575		570.555	570.411A		570.309		570.283	31
MEAN	570.351	570.301	570.539	570.678	570.548	570.582	570.543	570.450	570.353	570.297	570.295	570.285	MEAN
MAX	570.377	570.327	570.775	570.776	570.675	570.671	570.596	570.544	570.398	570.323	570.310	570.289	MAX
MIN	570.322	570.279	570.273	570.598	570.472	570.480	570.481	570.380	570.327	570.274	570.285	570.280	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 570.436
MAXIMUM DAILY, 570.776 ON APR 1
MINIMUM DAILY, 570.273 ON MAR 3
MAXIMUM INSTANTANEOUS,
570.782 AT 20:54 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 25 50 N
LONG 104 38 17 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3 370 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATERBURY LAKE AT CREW CABIN - STATION NO. 07LB001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	29.081	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	29.220	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	29.339	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 13 00 N
LONG 104 13 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WATERFOUND RIVER BELOW THERIAU LAKE - STATION NO. 07LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.2	21.2	20.9	20.8	22.8	24.8	23.1E	18.3	14.8	14.0	14.0	13.5	1
2	22.1	21.0	20.8	20.7	22.5	24.8	22.9E	17.8	14.8	14.2	13.8	13.4	2
3	22.1	21.1	20.8	20.8	22.5	24.5	22.7E	17.5	14.8	14.2	13.8	13.4	3
4	22.0	21.1	21.0	20.8	22.8	24.3	22.8E	17.4	14.7	14.2	13.7	13.4	4
5	21.9	21.1	21.1	20.7	23.0	24.3	22.5E	17.2	14.7	14.1	13.7	13.5	5
6	21.8	21.1	21.2	20.8	23.2	24.4	22.3E	17.1	14.5	14.0	13.8	13.6	6
7	21.8	21.0	21.2	20.6	23.3	24.1	22.1E	16.9	15.1	13.9	13.8	13.7	7
8	21.7	21.0	20.8	20.3	23.3	24.0	21.9E	16.8	15.2	13.8	13.6	13.5	8
9	21.6	20.9	20.7	20.3	23.5	24.2	21.8E	16.6	15.2	13.4	13.4	13.5	9
10	21.6	20.9	20.8	19.8	23.6	24.3A	21.7E	16.4	15.3	13.4	13.4	13.8	10
11	21.9	20.9	20.6	19.6	23.5	24.4E	21.5E	16.1	15.2	13.4	13.6	13.8	11
12	22.0	20.8	20.7	30.0	23.5	24.4A	21.3E	15.8	15.2	13.4	13.8	13.8	12
13	21.9	20.8	20.7	20.1	23.3	24.5A	21.1E	15.8	15.1	13.3	13.5	13.8	13
14	21.5	20.7	20.4	20.1	23.7	24.6A	20.9E	15.8	14.9	13.5	13.5	13.8	14
15	21.4	20.9	21.0	20.3	23.9	24.3A	20.8E	15.7	14.8	13.5	13.5	13.8	15
16	21.4	21.0	21.3	20.4	24.0	24.3E	20.6E	15.6	14.9	13.5	13.5	13.7	16
17	21.4	21.2	20.8	20.2	24.0	24.6E	20.4E	15.8	14.9	13.4	13.5	13.7	17
18	21.2	21.3	21.2	20.2	24.5	24.6A	20.2E	15.6	14.8	13.4	13.4	13.7	18
19	21.2	21.3	21.3	20.1	25.1	24.3E	20.0E	15.5	14.8	13.4	13.2	13.7	19
20	21.3	21.3	21.1	20.1	24.9	24.2E	19.9E	15.2	14.8	13.4	13.2	13.8	20
21	21.5	21.3	21.1	20.2	24.9	24.1E	19.8E	15.3	14.7	13.5	13.4	13.8	21
22	21.0	21.2	21.2	20.5	25.1	24.5E	19.6E	15.4	14.7	13.5	13.4	13.7	22
23	21.0	21.1	20.9	20.4	25.2	24.7E	19.4A	15.4	14.5	13.6	13.2	13.6	23
24	20.9	21.0	21.2	20.9	25.4	24.0E	19.1	15.3	14.4	13.5	13.4	13.7	24
25	20.9	21.0	21.1	20.8	25.6	23.6E	18.8	15.2	14.4	13.4	13.3	13.8	25
26	20.9	20.9	21.0	21.1	25.8	23.7E	18.7	15.1	14.3	13.4	13.4	13.8	26
27	21.0	20.8	21.1	21.6	25.4	23.9A	18.5	15.2	14.2	13.4	13.5	14.0	27
28	20.9	20.9	20.9	22.0	25.3	23.7E	18.5	15.2	13.9	13.5	13.5	14.0	28
29	20.9		21.3	23.2	25.0	23.5E	18.5	15.0	13.6	13.6	13.4	14.1	29
30	21.0		21.2	22.8	24.9	23.3E	18.3	14.8	13.8	13.8	13.5	14.0	30
31	21.2		20.9		25.2		18.3	14.9		13.8		14.0	31
TOTAL	665.3	588.4	650.5	619.0	746.8	727.0	637.8	496.0	441.4	422.2	405.0	426.4	TOTAL
MEAN	21.5	21.0	21.0	20.6	24.2	24.2	20.6	16.0	14.7	13.6	13.5	13.8	MEAN
MAX	22.2	21.3	21.3	22.6	25.6	24.8	23.1	18.3	15.3	14.2	14.0	14.1	MAX
MIN	20.9	20.8	20.4	19.8	22.5	23.3	18.3	14.8	13.8	13.3	13.2	13.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.7
MAXIMUM DAILY, 25.8 ON MAY 26
MINIMUM DAILY, 13.2 ON NOV 19
MAXIMUM INSTANTANEOUS, 27.1 AT 00:55 CST ON MAY 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 23 10 N
LONG 104 38 30 W
DRAINAGE AREA, 3 160 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	57 500	JUL	55 100
FEB	50 800	AUG	42 900
MAR	56 200	SEP	36 100
APR	53 500	OCT	36 500
MAY	64 700	NOV	35 000
JUN	62 800	DEC	36 800

TOTAL DISCHARGE, 590 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED AS A RESULT OF WIND ON THERIAU LAKE

WATERHEN LAKE NEAR GORINTOSH - STATION NO. 05AF007

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	472.782	---	473.071	---	---	---	---	1
2	---	---	---	---	---	---	472.928	---	---	---	---	---	2
3	---	---	---	---	---	472.792	472.929	---	---	---	---	---	3
4	---	---	---	---	---	472.773	---	473.128	---	---	---	---	4
5	---	---	---	---	---	---	472.931	473.129	---	---	---	---	5
6	---	---	---	---	---	---	---	473.132	---	---	---	---	6
7	---	---	---	---	---	472.784	472.935	473.133	---	---	---	---	7
8	---	---	---	---	---	472.784	472.937	473.132	---	---	---	---	8
9	---	---	---	---	---	472.794	---	473.148	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	472.818	472.989	473.178	---	---	472.810	---	11
12	---	---	---	---	---	472.823	472.973	473.180	---	---	---	---	12
13	---	---	---	---	472.813	472.823	472.981	473.180	---	---	---	---	13
14	---	---	---	---	---	472.831	472.988	473.182	---	---	---	---	14
15	---	---	---	---	---	---	472.992	473.180	---	---	---	---	15
16	---	---	---	---	---	472.821	---	473.168	---	---	---	---	16
17	---	---	---	---	---	472.823	---	473.192	---	---	---	---	17
18	---	---	---	---	---	472.828	473.040	473.186	---	---	---	---	18
19	---	---	---	---	---	472.831	473.042	473.200	---	---	---	---	19
20	---	---	---	---	472.781	472.833	473.042	---	---	---	---	---	20
21	---	---	---	---	472.781	---	---	473.208	---	---	---	---	21
22	---	---	---	---	472.781	472.836	473.058	473.214	---	---	---	---	22
23	---	---	---	---	472.781	472.838	473.064	473.213	---	---	---	---	23
24	---	---	---	---	472.781	472.850	473.070	473.221	---	---	---	---	24
25	---	---	---	---	472.781	472.862	473.071	473.223	---	---	---	---	25
26	---	---	---	---	472.788	472.854	473.071	473.225	---	---	---	---	26
27	---	---	---	---	---	---	473.071	473.227	---	---	---	---	27
28	---	---	---	---	---	---	---	473.228	---	---	---	---	28
29	---		---	---	472.785	472.868	473.069	---	---	---	---	---	29
30	---		---	---	472.784	472.882	473.069	473.231	---	---	---	---	30
31	---		---		472.780		473.071	473.231		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 45 N
LONG 108 31 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATERHEN RIVER NEAR GOODSOIL - STATION NO. 05AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.8	13.7	12.4	12.1	15.8	20.0	18.1	17.8	15.3	13.4	9.34	6.27	1
2	16.0	13.8	12.0	11.9	16.2	19.5	17.9	17.8	15.3	13.2	9.26	6.19	2
3	14.8	13.6	12.1	11.9	16.6	19.3	17.6	17.4	15.8	13.3	9.54	6.14	3
4	15.0	13.5	12.0	12.0	16.7	19.1	17.5	17.2	15.4	13.4	9.17	6.20	4
5	15.1	13.5	12.0	12.0	17.0	18.5	17.3	17.1	15.4	13.2	8.78	6.42	5
6	15.0	13.5	12.1	11.9	16.9	18.9	17.5	17.0	15.5	13.0	8.62	6.18	6
7	14.9	13.4	12.0	12.4	16.9	19.1	17.6	16.8	15.2	12.4	8.64	6.35	7
8	14.9	13.3	11.9	12.5	17.2	19.0	17.5	16.6	15.1	12.7	8.38	6.43	8
9	14.7	13.2	11.9	13.2	16.6	18.7	18.2	16.2	15.2	12.5	8.16	6.34	9
10	14.7	13.3	12.0	13.1	17.3	19.1	18.4	15.8	15.1	12.3	8.26	6.42	10
11	14.7	13.0	11.9	13.2	17.0	19.8	18.4	16.5	15.1	12.2	8.12	6.48	11
12	14.6	13.0	11.8	13.7	17.3	19.6	18.3	16.6	15.0	12.3	8.04	6.52	12
13	14.7	12.9	11.7	13.6	17.7	20.2	18.4	16.3	15.0	12.7	7.74	6.51	13
14	14.5	13.6	11.7	14.0	17.1	19.4	18.3	16.0	14.9	11.9	7.66	6.32	14
15	14.4	13.0	11.9	14.2	17.6	18.9	18.8	16.0	14.7	11.8	7.84	6.29	15
16	14.4	12.9	11.8	14.2	17.5	19.3	18.5	16.1	14.9	11.7	7.70	6.38	16
17	14.2	12.9	11.7	14.5	17.4	19.3	18.2	16.2	14.4	11.9	7.84	6.38	17
18	14.5	12.9	11.8	14.4	17.3	19.1	18.0	16.2	14.5	11.7	7.58	6.43	18
19	14.5	12.8	11.9	14.7	17.5	19.0	18.0	16.1	14.5	11.5	7.19	6.62	19
20	14.5	12.9	12.0	14.8	17.8	18.7	18.3	15.9	14.3	11.1	6.84	6.56	20
21	14.5	12.8	12.2	14.9	17.7	19.0	18.1	16.1	14.4	11.0	7.09	6.50	21
22	14.2	12.6	12.2	15.1	17.7	19.3	18.0	15.8	14.4	10.9	6.78	6.53	22
23	14.2	12.8	12.3	15.2	17.8	19.2	17.9	15.6	14.0	10.8	6.59	6.51	23
24	14.1	12.8	12.1	15.2	18.0	19.1	17.8	15.6	14.0	10.4	6.55	6.41	24
25	14.2	12.4	12.0	15.5	18.0	18.8	17.4	15.6	13.9	10.5	6.55	6.32	25
26	14.2	12.3	12.2	15.8	18.1	18.4	17.3	15.7	13.9	10.8	6.46	6.28	26
27	14.0	12.0	12.1	15.7	18.0	18.3	17.3	15.6	13.9	10.1	6.46	6.20	27
28	13.8	13.4	12.0	15.8	18.2	18.2	17.2	15.8	13.8	9.78	6.44	6.15	28
29	14.1		12.0	15.5	18.4	18.1	17.8	16.0	13.8	9.73	6.41	6.15	29
30	13.9		12.1	15.9	18.5	18.2	17.7	15.8	13.7	9.51	6.32	6.14	30
31	13.9		12.2		18.9		17.8	15.7		9.03		6.04	31
TOTAL	449.0	384.4	372.0	419.1	541.3	570.7	564.8	504.8	440.3	380.35	230.28	196.66	TOTAL
MEAN	14.5	13.0	12.0	14.0	17.5	19.0	17.9	16.3	14.7	11.8	7.68	6.34	MEAN
MAX	15.1	13.8	12.4	15.9	18.9	20.2	18.8	17.8	15.8	13.4	9.54	6.63	MAX
MIN	13.8	12.0	11.7	11.9	15.8	18.1	17.2	15.8	13.8	9.03	6.32	6.04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 20.2 ON JUN 13
MINIMUM DAILY, 6.04 ON DEC 31
MAXIMUM INSTANTANEOUS,
22.2 AT 16.09 CST ON JUN 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 54 26 45 N
LONG 109 13 21 W
DRAINAGE AREA, 7 780 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 800	JUL	47 900
FEB	31 500	AUG	43 500
MAR	32 100	SEP	38 000
APR	36 200	OCT	31 100
MAY	46 600	NOV	19 900
JUN	49 300	DEC	17 000

TOTAL DISCHARGE, 432 000 dam³

WATHAMAN RIVER BELOW WATHAMAN LAKE - STATION NO. 05DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.9E	28.3E	24.2	22.0	52.8	73.2	52.2	33.8	26.7	23.5	22.5	19.5	1
2	32.7E	26.3E	24.1	22.0	56.2	67.1	51.6	33.0	27.2	25.8	22.1	19.6	2
3	32.6E	26.2E	23.9	21.8	57.8	72.4	51.2	33.6	26.2	24.9	22.1	19.4	3
4	32.2E	26.1E	24.0	21.7	60.6	72.3	49.9	33.9	26.3	24.4	21.5	19.2	4
5	32.1E	26.0E	23.8	21.6	61.7	71.9	48.8	33.4	27.0	24.4	21.1	19.3	5
6	32.0E	25.9E	23.7	21.6	63.7	71.4	48.4	32.8	26.8	23.6	21.6	19.4	6
7	31.8E	25.8E	23.7	21.7	64.4	70.5	48.3	32.8	26.3	23.9	21.4	19.3	7
8	31.5E	25.7E	23.8	21.7	65.3	70.5	47.1	31.8	26.2	23.2	21.3	19.3	8
9	31.2E	25.7E	23.4	21.6	67.9	70.6	45.6	32.0	26.7	23.4	21.1	19.4	9
10	31.0E	25.6E	23.2	21.9	68.4	70.1	45.0	31.9	26.6	23.7	21.1	19.4	10
11	30.9E	25.5E	23.1	21.9	70.5	68.7	45.0	31.2	26.8	23.5	21.0	19.3	11
12	30.7E	25.4E	23.0	22.0	70.2	68.7	44.5	31.2	26.8	23.5	20.9	19.2	12
13	30.4E	25.3E	22.9	22.0	71.6	68.6	44.0	30.8	26.8	22.4	20.8	19.1	13
14	30.1E	25.2E	22.8	22.0	72.5	67.6	43.4	30.4	25.8	22.4	20.7	19.0	14
15	29.8E	25.2E	22.8	22.2	73.1	66.3	43.3	30.4	26.0	22.9	20.8	18.9	15
16	29.6E	25.2E	22.9	22.7	72.8	65.2	42.3	30.1	26.3	23.8	20.9	18.9	16
17	29.5E	25.3A	22.8	23.5	73.9	64.1	41.9	29.6	26.2	22.8	20.7	18.8	17
18	29.2E	25.2	22.7	24.6	74.2	63.6	41.8	29.1	26.1	21.8	20.6	18.8	18
19	28.9E	25.2	22.7	26.1	71.3	63.0	41.1	29.1	26.2	21.0	20.5	18.8	19
20	28.7E	25.0	22.6	26.2	74.0	62.4	40.1	28.8	26.2	22.4	20.4	18.7	20
21	28.5E	24.9	22.7	30.7	76.0	61.7	39.8	28.1	26.1	23.0	20.3	18.7	21
22	28.3E	24.9	22.7	33.5	76.0	60.8	39.3	27.9	25.1	22.3	20.2	18.7	22
23	28.0E	24.8	22.6	36.5	76.3	59.9	38.2	28.1	25.1	22.2	20.1	18.6	23
24	27.8E	24.8	22.6	38.6	75.1	58.7	38.0	28.1	25.2	23.0	20.0	18.6	24
25	27.5E	24.7	22.5	40.8	75.8	57.1	37.6	28.1	25.1	22.1	20.0	18.5	25
26	27.3E	24.6	22.3	42.8	74.4	57.3	37.4	27.6	25.0	21.3	20.0	18.5	26
27	27.0E	24.3	22.5	45.0	74.1	56.0	36.9	27.3	24.8	21.5	19.9	18.5	27
28	26.9E	24.2	22.4	46.3	73.7	54.3	36.0	27.6	24.4	21.8	19.9	18.4	28
29	26.6E		22.3	46.9	73.5	54.1	35.5	26.0	24.1	21.8	19.7	18.5	29
30	26.4E		22.2	50.6	73.9	53.5	35.6	26.8	25.2	22.2	19.8	18.4	30
31	26.4E		22.1		73.7		35.1	26.8		22.1		18.2	31
TOTAL	919.0	709.2	713.7	885.2	2 186.2	1 943.5	1 327.5	932.7	778.1	710.8	622.8	586.9	TOTAL
MEAN	29.6	25.3	23.0	28.5	69.9	64.8	42.8	30.1	26.0	22.9	20.8	18.9	MEAN
MAX	32.9	28.3	24.2	50.6	76.0	73.2	52.2	33.9	27.2	25.8	22.5	19.6	MAX
MIN	26.4	24.2	22.1	21.6	52.8	53.5	35.1	26.0	24.1	21.0	19.8	18.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.6
MAXIMUM DAILY, 76.0 ON MAY 21
MINIMUM DAILY, 18.2 ON DEC 31
MAXIMUM INSTANTANEOUS,
77.5 AT 16.43 CST ON MAY 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 57 05 20 N
LONG 103 42 40 W
DRAINAGE AREA, 19 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	78 400	JUL	115 000
FEB	61 300	AUG	80 500
MAR	61 500	SEP	67 300
APR	74 600	OCT	61 400
MAY	187 000	NOV	53 600
JUN	188 000	DEC	80 700

TOTAL DISCHARGE, 1 080 000 dam³

WEYBURN INDEX RESERVOIR - STATION NO. 05NB024

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	28.788E	28.438A	28.284	28.142	28.862	28.784	28.672	28.476	---	28.358A	1
2	---	---	28.778E	28.432E	28.284	28.133	28.877	28.784	28.585	28.489	---	---	2
3	---	---	28.787E	28.426E	28.286	28.125	28.870	28.745	28.559	28.467	---	---	3
4	---	---	28.788A	28.420E	28.281	28.118	28.864	28.735	28.551	28.484	---	---	4
5	---	28.785A	28.798E	28.412E	28.276	28.110	28.857	28.731	28.548	28.456	---	---	5
6	---	---	28.798E	28.408A	28.268	28.103	28.864	28.721	28.539	28.451	---	---	6
7	---	---	28.798E	28.398	28.263	28.091	28.856	28.714	28.532	28.447	---	---	7
8	---	---	28.798E	28.396	28.257	28.081	28.853	28.704	28.525	28.444	---	---	8
9	---	---	28.798E	28.393	28.246	28.073	28.860	28.695	28.524	28.438	---	---	9
10	---	---	28.798E	28.398	28.239	28.067	28.885	28.688	28.528	28.427	---	---	10
11	---	---	28.798E	28.392	28.230	28.063	28.886	28.685	28.523	28.435	---	---	11
12	---	---	28.798E	28.380	28.222	28.054	28.881	28.676	28.518	28.433	---	---	12
13	---	---	28.798E	28.386	28.213	28.042	28.854	28.668	28.514	28.428	---	---	13
14	---	---	28.798E	28.382	28.203	28.027	28.847	28.662	28.508	28.426	---	---	14
15	---	---	28.798E	28.377	28.196	28.017	28.837	28.654	28.506	28.423	---	---	15
16	---	---	28.798E	28.372	28.189	28.005	28.827	28.658	28.508	28.424	---	---	16
17	---	---	28.798E	28.366	28.178	28.889	28.820	28.653	28.510	28.425	---	---	17
18	---	---	28.798E	28.362	28.170	28.988	28.825	28.650	28.506	28.421	---	---	18
19	---	---	28.798E	28.357	28.171	28.980	28.829	28.645	28.502	28.418	---	---	19
20	---	---	28.798E	28.350	28.172	28.972	28.822	28.641	28.496	28.417	---	---	20
21	---	---	29.380E	29.342	28.184	28.963	28.816	28.632	28.484	28.415	---	---	21
22	---	---	29.670E	29.338	28.168	28.955	28.814	28.624	28.480	28.414	---	---	22
23	---	---	29.600E	29.333	28.151	28.951	28.810	28.618	28.484	28.414	---	---	23
24	---	---	29.570E	29.326	28.146	28.941	28.805	28.612	28.477	28.411	---	---	24
25	---	---	29.550E	29.324	28.140	28.929	28.797	28.608	28.472	28.409	---	---	25
26	---	---	29.524A	29.319	28.137	28.918	28.788	28.602	28.468	28.414	---	---	26
27	---	---	29.510E	29.312	28.148	28.909	28.778	28.598	28.467	28.408	---	---	27
28	---	---	29.490E	29.308	28.162	28.900	28.770	28.592	28.467	28.408A	---	---	28
29	---		29.475E	29.299	28.160	28.895	28.768	28.588	28.466	28.408E	---	---	29
30	---		29.460E	29.288	28.153	28.888	28.773	28.584	28.461	28.404E	---	---	30
31	---		29.450E		28.146		28.770	28.578		28.402E		---	31
MEAN	---	---	29.081	29.369	28.203	28.015	28.830	28.661	28.511	28.428	---	---	MEAN
MAX	---	---	29.670	29.438	28.286	28.142	28.862	28.784	28.672	28.476	---	---	MAX
MIN	---	---	28.788	29.289	28.137	28.888	28.768	28.578	28.467	28.402	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 29.670E ON MAR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 42 N
LONG 103 40 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WHEELER RIVER BELOW RUSSELL LAKE - STATION NO. 05DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.88	14.88	14.88	15.68	26.9E	20.0	14.1	11.0	9.24	10.2	10.4	10.1 B	1
2	14.88	14.78	14.88	15.68	26.3E	19.7	14.2	9.39	9.33	10.1	10.4	9.868	2
3	14.78	14.88	14.88	15.58	26.1E	19.0	15.0	9.42	9.24	10.4	11.4	9.398	3
4	14.78	14.88	14.88	15.28	25.8E	19.6	14.7	10.7	8.89	10.3	10.3	9.758	4
5	14.88	14.88	14.98	15.0	25.6E	19.9	14.1	11.2	9.08	9.93	10.28	10.4 B	5
6	14.88	14.88	14.88	15.0	25.3E	19.4	13.9	11.1	10.2	9.83	10.28	10.5 B	6
7	14.78	14.88	14.88	14.9	25.1E	19.0	13.7	11.2	10.9	9.73	10.28	10.4 B	7
8	14.88	14.78	14.88	14.9	24.8E	18.9	13.6	11.1	10.4	9.95	10.18	10.5 B	8
9	14.78	15.08	15.08	14.9	24.6E	18.9	13.1	10.5	10.1	9.17	10.08	10.5 B	9
10	14.78	15.08	15.08	15.0E	24.3E	18.7	12.3	10.2	9.97	9.46	10.38	10.2 B	10
11	14.98	15.28	14.98	15.2E	24.1E	18.3	12.3	10.0	10.0	9.47	10.48	10.1 B	11
12	15.08	14.88	14.88	15.4E	23.8E	18.6	12.6	10.4	10.0	9.43	10.58	10.1 B	12
13	14.98	14.88	15.18	15.7E	23.6E	20.6	12.4	11.1	10.3	10.0	10.58	10.2 B	13
14	14.88	15.08	15.18	16.0E	23.4E	21.1	12.8	10.7	10.5	9.83	10.38	10.2 B	14
15	14.38	14.88	15.18	15.38	23.1E	19.6	13.1	9.93	10.1	9.46	10.68	10.3 B	15
16	14.88	14.88	15.38	15.68	22.9E	18.1	12.7	9.54	10.1	9.20	10.68	9.798	16
17	14.78	14.78	15.28	17.2E	22.7E	18.2	11.9	9.54	10.9	9.92	10.18	9.898	17
18	14.58	14.58	15.18	17.8E	22.4E	18.5	12.0	9.49	10.7	10.3	11.08	10.0 B	18
19	14.88	14.98	15.28	18.7E	22.1E	18.1	12.1	9.51	10.8	9.70	11.18	9.978	19
20	14.88	15.08	15.38	20.0E	21.8E	17.5	12.3	9.38	10.5	9.18	10.38	10.1 B	20
21	14.88	14.98	15.48	20.9E	21.6E	18.9	12.3	9.22	10.7	9.19	10.68	10.2 B	21
22	14.78	14.88	15.38	22.0E	21.3E	18.3	12.3	8.97	10.7	9.51	11.28	10.2 B	22
23	14.88	14.58	15.18	23.3E	21.0E	16.7	11.9	9.07	10.2	9.23	10.28	10.2 B	23
24	14.78	14.58	15.28	24.6E	20.8E	17.0	11.1	9.23	10.0	9.56	10.38	10.1 B	24
25	14.78	14.88	15.28	25.6E	20.6E	18.3	10.8	9.08	10.2	9.43	10.38	10.2 B	25
26	14.78	14.88	15.18	26.4E	20.4E	15.5	10.6	9.16	10.1	10.3	10.58	10.3 B	26
27	14.78	14.78	14.88	26.7E	20.2A	15.2	10.6	8.98	10.2	9.91	10.68	10.3 B	27
28	14.88	14.88	15.08	27.0E	19.8	14.8	10.6	9.01	10.4	9.74	10.68	10.2 B	28
29	14.78		15.38	25.8E	19.4	14.4	10.3	8.81	10.3	10.1	10.48	10.2 B	29
30	14.78		15.68	26.7E	19.4	14.1	10.7	9.23	10.4	10.1	10.28	10.1 B	30
31	14.78		15.88		19.2		11.3	9.63		10.1		10.2 B	31
TOTAL	455.5	414.0	487.5	570.7	708.0	541.3	385.4	304.81	304.15	288.52	314.3	314.55	TOTAL
MEAN	14.7	14.8	15.1	19.0	22.8	18.0	12.4	9.80	10.1	9.57	10.5	10.1	MEAN
MAX	15.0	15.2	15.8	27.0	26.9	21.1	15.0	11.2	10.9	10.4	11.4	10.5	MAX
MIN	14.3	14.5	14.8	14.9	19.2	14.1	10.3	8.97	8.89	7.58	10.0	9.39	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 27.0E ON APR 26
MINIMUM DAILY, 7.58 ON OCT 24

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 28 40 N
LONG 104 58 50 W
DRAINAGE AREA, 3 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39 400	JUL	33 300
FEB	35 800	AUG	26 500
MAR	40 400	SEP	26 300
APR	49 300	OCT	25 600
MAY	61 200	NOV	27 200
JUN	46 800	DEC	27 200

TOTAL DISCHARGE, 438 000 dam³

WHITE BEAR (CARLYLE) LAKE NEAR CARLYLE - STATION NO 05ND006

DAILY WATER LEVEL IN METRES FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	730.888	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	730.858	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	730.818	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	730.848	---	---	---	---	---	---	23
24	---	730.808	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	730.778	---	---	730.810	---	---	27
28	---	730.808E	---	730.822	730.880	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	730.808	---	---	---	29
30	---		---	730.918E	---	730.834E	---	---	730.803E	---	---	---	30
31	---		730.868E		730.868E		730.788E	730.869E		730.857E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1967

MAXIMUM DAILY, 730.922 ON APR 28

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 45 35 N
LONG 102 16 46 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WHITE FOX RIVER NEAR CARRICK - STATION NO. 05KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0	0 B	0.510	0.244	0.123	0.306	0.319	0.075	---	---	1
2	---	---	0.0	0 B	0.455	0.211	0.082	0.455	0.236	0.061	---	---	2
3	---	---	0.0	0 B	0.417	0.213	0.045	0.484	0.263	0.040	---	---	3
4	---	---	0.0	0.0018	0.384	0.193	0.015	0.372	0.270	0.043	---	---	4
5	---	---	0.0	0.0038	0.339	0.190	0.004	0.392	0.248	0.034	---	---	5
6	---	---	0.0	0.0098	0.267	0.148	0.023	0.373	0.298	0.032	---	---	6
7	---	---	0.0	11.0 B	0.235	0.333	0.027	0.440	0.214	0.029	---	---	7
8	---	---	0.0	16.7 B	0.223	0.281	0.007	0.606	0.200	0.121	---	---	8
9	---	---	0.0	13.6 B	0.210	0.178	0.001	0.539	0.206	0.156	---	---	9
10	---	---	0.0	11.4	0.220	0.131	0.005	0.806	0.221	0.172	---	---	10
11	---	---	0.0	9.53	0.220	0.106	0.002	0.575	0.280	0.178	---	---	11
12	---	---	0.0	5.77	0.290	0.095	0.001	0.773	0.280	0.189	---	---	12
13	---	---	0.0	3.26 A	0.319	0.098	0.001	0.903	0.202	0.216	---	---	13
14	---	---	0.0	2.52	0.278	0.102	0.001	0.987	0.131	0.200	---	---	14
15	---	---	0.0	2.85	0.256	0.084	0.351	0.783	0.156	0.242	---	---	15
16	---	---	0.0	3.38	0.258	0.117	0.757	0.743	0.117	0.279	---	---	16
17	---	---	0.0	3.39	0.239	0.133	0.823	0.707	0.100	0.259	---	---	17
18	---	---	0.0	3.04	0.207	0.115	0.493	0.677	0.098	0.284	---	---	18
19	---	---	0.0	2.56	0.190	0.089	0.500	0.610	0.070	0.255	---	---	19
20	---	---	0.0	2.26	0.175	0.082	0.490	0.599	0.064	0.248	---	---	20
21	---	---	0.0	2.00	0.218	0.081	0.575	0.571	0.080	0.243	---	---	21
22	---	---	0.0	1.83	0.274	0.065	0.721	0.507	0.053	0.258	---	---	22
23	---	---	0.0	1.31	0.305	0.073	0.880	0.489	0.036	0.309	---	---	23
24	---	---	0.0	1.18	0.348	0.078	0.833	0.487	0.035	0.271	---	---	24
25	---	---	0.0	0.887	0.388	0.081	0.578	0.472	0.042	0.291	---	---	25
26	---	---	0.0	0.898	0.339	0.119	0.554	0.354	0.188	0.322A	---	---	26
27	---	---	0.0	0.827	0.350	0.106	0.552	0.280	0.158	0.320A	---	---	27
28	---	---	0.0	0.821	0.387	0.071	0.488	0.280	0.131	0.320A	---	---	28
29	---		0.0	0.838	0.328	0.046	0.492	0.287	0.112	0.320A	---	---	29
30	---		0.0	0.848	0.277	0.085	0.418	0.281	0.083	0.320A	---	---	30
31	---		0.0		0.288		0.348	0.247		0.320A		---	31
TOTAL	---	---	0	102.470	9.078	3.798	9.790	16.187	4.918	5.388	---	---	TOTAL
MEAN	---	---	0	3.42	0.293	0.127	0.316	0.522	0.164	0.206	---	---	MEAN
MAX	---	---	0	16.7	0.510	0.333	0.823	0.987	0.380	0.322	---	---	MAX
MIN	---	---	0	0	0.175	0.046	0.001	0.247	0.035	0.029	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.823
MAXIMUM DAILY, 16.78 ON APR 8
MINIMUM DAILY, 0.0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 20 N
LONG 104 20 30 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	565
FEB	---	AUG	1 400
MAR	0	SEP	425
APR	850	OCT	552
MAY	784	NOV	---
JUN	328	DEC	---

TOTAL DISCHARGE, 13 200 dam³

WHITESAND RIVER NEAR CANORA - STATION NO. 05MB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0978	4.718	2.35	1.57	0.088	0.042	0.005	0.002	0.002	---	1
2	---	---	0.0978	5.308	2.14	1.11	0.174	0.038	0.005	0.002	0.002	---	2
3	---	---	0.0978	5.988	2.13	0.778	0.118	0.032	0.005	0.002	0.002A	---	3
4	---	---	0.0988	8.758	2.00	0.808	0.106	0.030	0.005	0.002	---	---	4
5	---	---	0.1028	10.3 B	1.80	0.880	0.185	0.030	0.005	0.002	---	---	5
6	---	---	0.1018	11.1 B	1.68	0.840	0.378	0.106	0.005	0.002	---	---	6
7	---	---	0.1038	12.4 B	1.73	0.748	1.13	0.144	0.005	0.002	---	---	7
8	---	---	0.1068	11.1 B	1.76	0.723	0.788	0.073	0.005	0.002	---	---	8
9	---	---	0.1018	9.258	1.63	0.585	1.43	0.031	0.005	0.002	---	---	9
10	---	---	0.1168	8.28	1.86	0.420	2.89	0.028	0.005	0.001	---	---	10
11	---	---	0.1038	7.34	1.54	0.417	2.88	0.012	0.005	0.001	---	---	11
12	---	---	0.1018	6.83	1.38	0.378	2.49	0.005	0.005	0.001	---	---	12
13	---	---	0.1008	6.58	1.34	0.203	2.38	0.005	0.004	0.001	---	---	13
14	---	---	0.1008	6.30	1.31	0.178	2.31	0.005	0.004	0.001	---	---	14
15	---	---	0.0988	6.18	1.50	0.101	1.78	0.005	0.004	0.001	---	---	15
16	---	---	0.1028	6.20	1.71	0.084	1.58	0.005	0.004	0.001	---	---	16
17	---	---	0.1038	6.24	1.84	0.086	1.05	0.005	0.004	0.001	---	---	17
18	---	---	0.1068	6.05	1.41	0.084	0.894	0.008	0.004	0.001	---	---	18
19	---	---	0.1068	4.77	1.85	0.103	0.845	0.018	0.004	0.001	---	---	19
20	---	---	0.1158	3.99	1.55	0.117	0.488	0.005	0.004	0.001	---	---	20
21	---	---	0.1618	4.09	1.31	0.089	0.225	0.005	0.004	0.001	---	---	21
22	---	---	0.5078	4.03	1.21	0.081	0.089	0.005	0.003	0.001	---	---	22
23	---	---	0.7118	3.69	1.10	0.076	0.088	0.005	0.003	0.001	---	---	23
24	---	---	0.9768	3.74	0.937	0.083	0.082	0.005	0.003	0.001	---	---	24
25	---	---	1.41 B	3.81	0.821	0.049	0.109	0.005	0.003	0.001	---	---	25
26	---	---	1.43 B	3.53	0.947	0.042	0.247	0.005	0.003	0.001	---	---	26
27	---	---	2.08 B	3.31	1.00	0.051	0.075	0.005	0.003	0.001	---	---	27
28	---	---	2.85 B	3.03	1.12	0.059	0.058	0.005	0.003	0.001	---	---	28
29	---		3.34 B	2.73	1.10	0.080	0.047	0.005	0.003	0.001	---	---	29
30	---		3.69 B	2.49	1.26	0.043	0.040	0.005	0.003	0.001	---	---	30
31	---		4.17 B		1.54		0.039	0.005		0.002	---	---	31
TOTAL	---	---	23.277	183.06	46.545	10.918	24.841	0.674	0.123	0.041	---	---	TOTAL
MEAN	---	---	0.751	6.10	1.50	0.384	0.795	0.022	0.004	0.001	---	---	MEAN
MAX	---	---	4.17	12.4	2.35	1.57	2.89	0.144	0.005	0.002	---	---	MAX
MIN	---	---	0.087	2.49	0.821	0.042	0.039	0.005	0.003	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 12.48 ON APR 7
MINIMUM DAILY, 0.001 ON OCT 10
MAXIMUM INSTANTANEOUS,
13.08 AT 13:13 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 11 N
LONG 102 22 11 W
DRAINAGE AREA, 8 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 130
FEB	---	AUG	56 2
MAR	2 010	SEP	10 6
APR	15 800	OCT	3 54
MAY	4 020	NOV	---
JUN	943	DEC	---

TOTAL DISCHARGE, 25 000 dam³

REMARKS - WATER WAS RELEASED FROM GOOD SPIRIT LAKE AFTER THE STATION WAS CLOSED DOWN FOR THE YEAR

WHITESAND RIVER NEAR SPRINGSIDE - STATION NO. 05MB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1128	3.338	1.19	0.536	0.062	0.044	0.003	0	0.976	---	1
2	---	---	0.1128	2.838	1.09	0.638	0.062	0.047	0.003	0	1.01 A	---	2
3	---	---	0.1128	2.678	1.02	0.589	0.053	0.062	0.002	0	---	---	3
4	---	---	0.1128	3.158	1.04	0.432	0.044	0.052	0.001	0	---	---	4
5	---	---	0.1128	3.468	1.08	0.348	0.023	0.033	0	0	---	---	5
6	---	---	0.1128	3.388	1.02	0.289	0.317	0.032	0	0	---	---	6
7	---	---	0.1258	3.198	0.971	0.262	1.26	0.028	0	0	---	---	7
8	---	---	0.1168	3.13	0.942	0.252	1.06	0.021	0	0	---	---	8
9	---	---	0.1808	3.38	0.986	0.151	0.991	0.021	0	0	---	---	9
10	---	---	0.1378	3.87	0.920	0.107	1.04	0.028	0	0	---	---	10
11	---	---	0.1278	4.37	0.933	0.084	0.798	0.028	0	0.003	---	---	11
12	---	---	0.1218	4.48	0.878	0.113	0.531	0.028	0	0.008	---	---	12
13	---	---	0.1258	4.69	0.995	0.074	0.391	0.018	0	0.015	---	---	13
14	---	---	0.1188	5.59	0.987	0.061	0.280	0.017	0	0.013	---	---	14
15	---	---	0.1108	4.75	0.885	0.061	0.205	0.017	0	0.012	---	---	15
16	---	---	0.1078	3.66	0.941	0.039	0.185	0.014	0	0.017	---	---	16
17	---	---	0.1028	1.30	0.910	0.045	0.210	0.014	0	0.023	---	---	17
18	---	---	0.1108	1.86	0.850	0.142	0.141	0.018	0	0.029	---	---	18
19	---	---	0.1398	2.15	0.844	0.078	0.164	0.019	0	0.027	---	---	19
20	---	---	0.1808	2.16	0.947	0.060	0.182	0.020	0	0.025	---	---	20
21	---	---	0.2788	1.88	0.829	0.096	0.169	0.027	0	0.033	---	---	21
22	---	---	0.5048	2.08	0.725	0.143	0.114	0.030	0	0.047	---	---	22
23	---	---	0.8818	2.02	0.884	0.168	0.134	0.023	0	0.045	---	---	23
24	---	---	0.7068	1.86	0.721	0.114	0.137	0.006	0	0.047	---	---	24
25	---	---	0.5768	1.93	0.706	0.080	0.098	0.006	0	0.052	---	---	25
26	---	---	0.5888	1.94	0.629	0.075	0.078	0.009	0	0.056	---	---	26
27	---	---	1.84 B	1.71	0.584	0.059	0.053	0.010	0	0.060	---	---	27
28	---	---	1.28 B	1.56	0.672	0.046	0.056	0.008	0	0.056	---	---	28
29	---		0.9868	1.45	0.706	0.045	0.049	0.008	0	0.053	---	---	29
30	---		0.7868	1.22	0.686	0.048	0.050	0.005	0	0.045	---	---	30
31	---		1.80 B		0.514		0.054	0.004		0.022	---	---	31
TOTAL	---	---	13.134	85.27	26.745	5.238	8.985	0.593	0.009	1.468	---	---	TOTAL
MEAN	---	---	0.424	2.84	0.863	0.175	0.290	0.022	0	0.048	---	---	MEAN
MAX	---	---	1.84	5.59	1.19	0.638	1.26	0.062	0.003	0.822	---	---	MAX
MIN	---	---	0.102	1.22	0.514	0.039	0.023	0.004	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.578
MAXIMUM DAILY, 5.59 ON APR 14
MINIMUM DAILY, 0 ON SEP 5
MAXIMUM INSTANTANEOUS,
5.82 AT 03:47 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 50 N
LONG 102 44 12 W
DRAINAGE AREA, 2 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	778
FEB	---	AUG	59 5
MAR	1 130	SEP	0 74
APR	7 370	OCT	129
MAY	2 310	NOV	---
JUN	453	DEC	---

TOTAL DISCHARGE, 12 200 dam³

WILCOX MAIN DITCH NEAR WILCOX - STATION NO. 05JE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1658	0	0.031	0	0	0	0	---	---	1
2	---	---	0 B	0.0838	0	0.011	0	0	0	0	---	---	2
3	---	---	0 B	0.0828	0	0.002	0	0	0	0	---	---	3
4	---	---	0 B	0.0868	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.026	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.013	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.007	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.083	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.042	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.002	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.0168	0	0	0	0	0	0	0	---	---	23
24	---	---	0.0398	0	0	0	0	0	0	0	---	---	24
25	---	---	0.0338	0	0	0	0	0	0	0	---	---	25
26	---	---	0.0328	0	0	0	0	0	0	0	---	---	26
27	---	---	0.1468	0	0	0	0	0	0	0	---	---	27
28	---	---	0.1388	0	0.349	0	0	0	0	0	---	---	28
29	---		0.0918	0	0.532	0	0	0	0	0	---	---	29
30	---		0.0858	0	0.222	0	0	0	0	0	---	---	30
31	---		0.1388		0.081		0	0		0		---	31
TOTAL	---	---	0.721	0 551	1.184	0.044	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.023	0.019	0.038	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.146	0.155	0.532	0.031	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.010
MAXIMUM DAILY, 0.532 ON MAY 29
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.826 AT 19:28 CST ON MAY 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 41 N
LONG 104 46 53 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	62.3	SEP	0
APR	48.5	OCT	0
MAY	102	NOV	---
JUN	3.80	DEC	---

TOTAL DISCHARGE, 217 dam³

WILLIAM RIVER ABOVE CARSWELL RIVER - STATION NO. 07MA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.6 B	10.58	11.58	14.18	57.8	29.2	18.7A	15.3	17.6	18.9	21.5	17.68	1
2	10.3 B	11.38	11.28	14.18	58.2A	28.7	19.1A	16.2	17.7	18.6	21.5	17.58	2
3	9.838	11.58	10.88	14.58	59.1A	28.3	19.3A	17.7	17.7	18.4	21.1	18.38	3
4	9.838	11.78	10.58	14.08	59.3	27.6	19.2	18.8	17.7	18.2	17.7	18.68	4
5	9.778	11.58	10.48	13.88	58.6	27.1	19.0	19.6	17.5	18.1	15.28	19.38	5
6	9.668	11.58	10.58	14.28	57.4	26.8	18.9	19.5	18.2A	17.8	18.98	17.58	6
7	10.0 B	11.58	10.98	15.48	56.0	26.4	18.7	19.1	19.8A	17.3	19.38	17.98	7
8	10.6 B	11.48	10.98	16.28	54.6	25.8	18.2	18.7	20.9	16.7	18.68	18.18	8
9	11.1 B	12.38	11.08	17.28	53.0	25.6	17.7	18.4	21.6	16.6	19.28	17.58	9
10	11.7 B	12.98	11.58	17.18	51.4	25.3	17.2	17.9	21.6	16.6A	20.78	18.48	10
11	12.0 B	13.08	11.18	17.28	49.9	25.2	16.7	17.5	21.7	17.1	19.28	18.48	11
12	12.3 B	12.48	11.18	18.58	48.7	25.6	16.4	17.5	21.7	17.2	19.08	18.48	12
13	12.5 B	12.28	10.88	19.38	48.3	25.7	16.2	17.8A	21.7	17.5	19.08	17.88	13
14	12.4 B	12.18	10.78	19.18	47.8	25.4	16.1A	18.4	21.8	17.5	22.48	17.78	14
15	12.1 B	12.28	10.78	19.68	47.1	25.2	16.4A	17.8	21.9	18.0A	20.38	18.08	15
16	11.1 B	12.38	10.78	18.38	46.9	24.2	18.7	17.2	21.7	17.9	19.68	17.78	16
17	10.6 B	12.38	10.78	17.78	46.1	23.1	17.3	16.6	21.6	18.2A	19.08	16.88	17
18	10.5 B	12.48	11.08	19.18	43.6A	22.7	16.6	16.5	21.9A	19.2A	19.58	16.48	18
19	10.7 B	12.18	11.58	20.08	41.5A	22.4	16.3	16.4	22.1	19.6	18.18	15.98	19
20	10.1 B	12.28	12.18	21.48	40.0	21.6	16.2	16.6	21.6	19.4	18.88	16.18	20
21	10.7 B	12.28	13.08	25.48	39.2	21.0	16.1	16.7	21.2	19.2	19.18	16.28	21
22	10.9 B	12.38	13.58	32.48	38.6	20.6	15.7	16.4	21.0	18.5A	18.98	15.88	22
23	11.0 B	13.38	13.98	40.18	37.7	20.5	15.5	16.3	20.5	18.9	18.98	15.38	23
24	11.0 B	12.58	14.88	43.48	36.3	20.5	15.3	16.4	20.2	18.9	18.38	14.88	24
25	11.0 B	12.48	14.98	47.38	34.8	20.5	14.9	16.3	19.8	20.4	19.38	15.08	25
26	10.7 B	12.38	15.18	52.58	33.8	20.0	14.8	16.0	19.6	19.1	19.08	15.58	26
27	10.6 B	12.18	15.08	53.8A	32.7	19.7A	15.2	15.9	19.5	20.5	18.58	15.18	27
28	10.5 B	11.78	15.28	55.7A	31.3	19.8	15.6	16.0	19.0	20.8	18.88	15.08	28
29	10.3 B		15.08	56.7A	30.3	19.3	15.7	17.8	18.9	21.1	18.38	15.58	29
30	10.4 B		14.88	57.8A	30.0	18.8	15.5	18.1	18.9	21.4	17.98	15.48	30
31	10.3 B		14.48		29.4		15.4	17.4		21.4		15.28	31
TOTAL	335.31	337.1	378.2	805.7	1 387.5	713.5	520.4	537.2	607.2	580.2	573.9	522.6	TOTAL
MEAN	10.8	12.0	12.2	26.9	45.1	23.8	16.8	17.3	20.2	18.7	19.1	16.9	MEAN
MAX	12.5	13.0	15.2	57.8	59.3	29.2	19.3	19.6	22.1	21.4	22.4	18.3	MAX
MIN	9.68	10.6	10.4	13.8	29.4	18.8	14.8	15.3	17.6	16.6	15.2	14.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.0
MAXIMUM DAILY, 59.3 ON MAY 4
MINIMUM DAILY, 9.668 ON JAN 5
MAXIMUM INSTANTANEOUS,
59.8 AT 23:15 CST ON MAY 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 50 N
LONG 105 00 10 W
DRAINAGE AREA, 4 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	29 000	JUL	45 000
FEB	29 100	AUG	46 400
MAR	32 600	SEP	52 500
APR	69 600	OCT	50 100
MAY	121 000	NOV	49 630
JUN	61 600	DEC	45 100

TOTAL DISCHARGE, 632 000 dam³

WILLOW BROOK AT WILLOWBROOK - STATION NO. 05MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.08	0.0038	0.004	0	0	0	0	0	---	---	1
2	---	---	0.08	0.0048	0.018	0	0	0	0	0	---	---	2
3	---	---	0.08	0.0208	0.030	0	0	0	0	0	---	---	3
4	---	---	0.08	0.080A	0.010	0	0	0	0	0	---	---	4
5	---	---	0.08	0.040	0.008	0	0	0	0	0	---	---	5
6	---	---	0.08	0.027	0.006	0	0	0	0	0	---	---	6
7	---	---	0.08	0.007	0.003	0	0	0	0	0	---	---	7
8	---	---	0.08	0.006	0.003	0	0	0	0	0	---	---	8
9	---	---	0.08	0.126	0.002	0	0	0	0	0	---	---	9
10	---	---	0.08	1.29	0.002	0	0	0	0	0	---	---	10
11	---	---	0.08	1.12	0.002	0	0	0	0	0	---	---	11
12	---	---	0.08	0.848	0.002	0	0	0	0	0	---	---	12
13	---	---	0.08	0.848	0.001	0	0	0	0	0	---	---	13
14	---	---	0.08	0.519	0.001	0	0	0	0	0	---	---	14
15	---	---	0.08	0.387	0.001	0	0	0	0	0	---	---	15
16	---	---	0.08	0.284	0.001	0	0	0	0	0	---	---	16
17	---	---	0.08	0.174	0.001	0	0	0	0	0	---	---	17
18	---	---	0.08	0.137	0.001	0	0	0	0	0	---	---	18
19	---	---	0.08	0.178	0.001	0	0	0	0	0	---	---	19
20	---	---	0.08	0.189	0	0	0	0	0	0	---	---	20
21	---	---	0.08	0.107	0	0	0	0	0	0	---	---	21
22	---	---	0.08	0.048	0	0	0	0	0	0	---	---	22
23	---	---	0.08	0.010	0	0	0	0	0	0	---	---	23
24	---	---	0.08	0.009	0	0	0	0	0	0	---	---	24
25	---	---	0.08	0.012	0	0	0	0	0	0	---	---	25
26	---	---	0.08	0.010	0	0	0	0	0	0	---	---	26
27	---	---	0.08	0.008	0	0	0	0	0	0	---	---	27
28	---	---	0.08	0.007	0.001	0	0	0	0	0	---	---	28
29	---		0.08	0.005	0.001	0	0	0	0	0	---	---	29
30	---		0.08	0.005	0	0	0	0	0	0	---	---	30
31	---		0.08		0		0	0		0		---	31
TOTAL	---	---	0	8.272	0.098	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.268	0.003	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.29	0.030	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.026
MAXIMUM DAILY, 1.29 ON APR 10
MINIMUM DAILY, 0.08 ON MAR 1
MAXIMUM INSTANTANEOUS, 1.35 AT 14:13 CST ON APR 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 20 N
LONG 102 48 05 W
DRAINAGE AREA, 401 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	542	OCT	0
MAY	8.47	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 550 dam³

WILLOWS COULEE RESERVOIR - STATION NO. 05JD005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	685.812	685.626	685.535	685.392	685.222	685.129	684.934	684.797	---	---	1
2	---	---	685.811	685.626	685.534	685.380	685.212	685.117	684.927	684.789	---	---	2
3	---	---	685.813	685.626	685.540	685.371	685.207	685.107	684.916	684.781	---	---	3
4	---	---	685.815	685.626	685.533	685.362	685.201	685.100	684.906	684.772	---	---	4
5	---	---	685.822	685.627	685.527	685.356	685.188	685.091	684.898	684.762	---	---	5
6	---	---	685.827	685.627	685.522	685.349	685.188	685.080	684.891	684.754	---	---	6
7	---	---	685.831	685.629	685.519	685.341	685.189	685.072	684.883	684.748	---	---	7
8	---	---	685.828	685.627	685.513	685.334	685.184	685.063	684.876	684.743	---	---	8
9	---	685.636A	685.826	685.627	685.502	685.328	685.178	685.057	684.870	684.732	---	---	9
10	---	685.636	685.824	685.623	685.498	685.334	685.175	685.050	684.889	684.728	---	---	10
11	---	685.635	685.824	685.619	685.489	685.333	685.171	685.048	684.885	684.720	---	---	11
12	---	685.635	685.819	685.617	685.481	685.328	685.164	685.039	684.883	684.714	---	---	12
13	---	685.636	685.820	685.614	685.468	685.315	685.158	685.029	684.858	684.708	---	---	13
14	---	685.634	685.822	685.611	685.462	685.307	685.150	685.023	684.853	684.701	---	---	14
15	---	685.633	685.825	685.605	685.453	685.298	685.141	685.022	684.851	684.688	---	---	15
16	---	685.631	685.824	685.601	685.448	685.290	685.135	685.015	684.851	684.694	---	---	16
17	---	685.628	685.825	685.598	685.437	685.287	685.131	685.014	684.851	684.690	---	---	17
18	---	685.627	685.825	685.593	685.432	685.282	685.128	685.013	684.848	684.684	---	---	18
19	---	685.627	685.829	685.591	685.430	685.277	685.108	685.005	684.847	684.677	---	---	19
20	---	685.628	685.830	685.588	685.421	685.272	685.102	684.997	684.844	684.670	---	---	20
21	---	685.620	685.834	685.584	685.412	685.269	685.156	684.988	684.840	684.664	---	---	21
22	---	685.619	685.834	685.580	685.407	685.263	685.153	684.982	684.836	684.661	---	---	22
23	---	685.617	685.834	685.576	685.403	685.257	685.149	684.975	684.833	684.656	---	---	23
24	---	685.615	685.834	685.571	685.398	685.246	685.142	684.967	684.829	684.650	---	---	24
25	---	685.615	685.833	685.569	685.396	685.238	685.135	684.988	684.826	684.648	---	---	25
26	---	685.615	685.834	685.562	685.394	685.226	685.127	684.975	684.824	684.648	---	---	26
27	---	685.614	685.832	685.555	685.400	685.219	685.122	684.989	684.821	684.642	---	---	27
28	---	685.612	685.831	685.549	685.408	685.225	685.115	684.960	684.818	684.640A	---	---	28
29	---		685.828	685.543	685.407	685.233	685.128	684.953	684.812	684.640E	---	---	29
30	---		685.827	685.536	685.400	685.228	685.131	684.947	684.805	684.640E	---	---	30
31	---		685.827		685.394		685.128	684.941		684.640E	---	---	31
MEAN	---	---	685.826	685.598	685.457	685.298	685.161	685.022	684.858	684.700	---	---	MEAN
MAX	---	---	685.834	685.629	685.540	685.392	685.222	685.129	684.934	684.797	---	---	MAX
MIN	---	---	685.811	685.536	685.394	685.219	685.115	684.941	684.805	684.640	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 32 N
LONG 105 50 36 W

A - MANUAL GAUGE
E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS STATION DISCONTINUED AFTER THE 1987 SEASON

WIWA CREEK NEAR ST BOSWELLS - STATION NO. 05JC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0.405	0	0	0	0	0.013	0	---	---	1
2	---	---	0	B	0.449	0	0	0	0	0.013	0	---	---	2
3	---	---	0	B	0.397	0	0	0	0.231	0.012	0	---	---	3
4	---	---	0	B	0.304	0	0	0	1.14	0.010	0	---	---	4
5	---	---	0	B	0.201	0	0	0	0.997	0.009	0	---	---	5
6	---	---	0	B	0.300	0	0	0	0.579	0.006	0	---	---	6
7	---	---	0	B	0.283	0	0	0	0.377	0.005	0	---	---	7
8	---	---	0	B	0.235	0	0	0	0.270	0.005	0	---	---	8
9	---	---	0	B	0.219	0	0	0	0.198	0.004	0	---	---	9
10	---	---	0	B	0.182	0	0	0	0.151	0.003	0	---	---	10
11	---	---	0	B	0.156	0	0	0	0.125	0.002	0	---	---	11
12	---	---	0	B	0.181	0	0	0	0.087	0.002	0	---	---	12
13	---	---	0	B	0.171	0	0	0	0.058	0.001	0	---	---	13
14	---	---	0	B	0.129	0	0	0	0.080	0.001	0	---	---	14
15	---	---	0	B	0.091	0	0	0	0.112	0.001	0	---	---	15
16	---	---	0	B	0.052	0	0	0	0.508	0.001	0	---	---	16
17	---	---	0	B	0.032	0	0	0	1.94	0.001	0	---	---	17
18	---	---	0	B	0.023	0	0	0	1.78	0	0	---	---	18
19	---	---	0	B	0.047	0	0	0	1.06	0	0	---	---	19
20	---	---	0	B	0.042	0	0	0	0.577	0	0	---	---	20
21	---	---	0	B	0.028	0	0	0	0.331	0	0	---	---	21
22	---	---	0	B	0.019	0	0	0	0.189	0	0	---	---	22
23	---	---	0	B	0.011	0	0	0	0.126	0	0	---	---	23
24	---	---	0	B	0.008	0	0	0	0.100	0	0	---	---	24
25	---	---	0	B	0.005	0	0	0	0.076	0	0	---	---	25
26	---	---	0.0118		0.003	0	0	0	0.053	0	0	---	---	26
27	---	---	0.083		0.001	0	0	0	0.036	0	0	---	---	27
28	---	---	0.077		E	0	0	0	0.027	0	0	---	---	28
29	---		0.061		0	0	0	0	0.020	0	0	---	---	29
30	---		0.063		0	0	0	0	0.016	0	0	---	---	30
31	---		0.236			0		0	0.014		0	---	---	31
TOTAL	---	---	0.531		3.865	0	0	0	11.256	0.092	0	---	---	TOTAL
MEAN	---	---	0.017		0.132	0	0	0	0.363	0.003	0	---	---	MEAN
MAX	---	---	0.236		0.449	0	0	0	1.94	0.013	0	---	---	MAX
MIN	---	---	0		0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.055
MAXIMUM DAILY, 1.94 ON AUG 17
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
2.18 AT 18:08 CST ON AUG 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 05 N
LONG 106 45 18 W
DRAINAGE AREA, 1 380 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	973
MAR	45.9	SEP	7.95
APR	342	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 370 dam³

WOLLASTON LAKE AT ROSS CHANNEL - STATION NO. 06DA001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.315	28.273	28.236	28.203	28.218	28.312	28.324	28.201	28.123	28.024	27.988	27.927E	1
2	28.315	28.273	28.235	28.203	28.223	28.265	28.328	28.213	28.116	28.054	27.986	27.927	2
3	28.314	28.275	28.230	28.199	28.232	28.323	28.327	28.212	28.104	28.036	27.958	27.926	3
4	28.308	28.276	28.232	28.191	28.240	28.326	28.318	28.214	28.103	28.028	27.938	27.926	4
5	28.313	28.272	28.228	28.185	28.243	28.332	28.324	28.209	28.122	28.031	27.944	27.933E	5
6	28.314	28.270	28.228	28.181	28.248	28.333	28.320	28.201	28.105	28.008	27.941	27.936	6
7	28.317	28.268	28.234	28.189	28.248	28.333	28.311	28.201	28.097	28.021	27.940	27.932	7
8	28.313	28.270	28.230	28.185	28.254	28.336	28.306	28.179	28.103	27.998	27.943	27.934E	8
9	28.313	28.267	28.227	28.181	28.263	28.337	28.288	28.184	28.105	27.998	27.957	27.936	9
10	28.315	28.261	28.223	28.181	28.257	28.337	28.283	28.181	28.103	28.000	27.948	27.930	10
11	28.311	28.262	28.222	28.184	28.263	28.342	28.288	28.172	28.105	28.010	27.950	27.930	11
12	28.307	28.264	28.223	28.187	28.254	28.343	28.285	28.168	28.115	27.999	27.932	27.931	12
13	28.306	28.264	28.221	28.188	28.262	28.344	28.283	28.159	28.110	27.998	27.934	27.931	13
14	28.307	28.255	28.218	28.184	28.266	28.346	28.279	28.157	28.082	27.993	27.933	27.930E	14
15	28.302	28.268	28.220	28.188	28.273	28.343	28.280	28.158	28.087	27.988	27.942	27.928	15
16	28.308	28.265	28.222	28.188	28.278	28.344	28.289	28.156	28.097	28.021	27.936	27.927	16
17	28.298	28.263	28.219	28.186	28.280	28.341	28.269	28.148	28.088	27.989	27.936	27.925	17
18	28.293	28.254	28.219	28.186	28.280	28.346	28.271	28.137	28.092	27.985	27.931	27.926E	18
19	28.296	28.256	28.218	28.179	28.287	28.346	28.270	28.138	28.086	27.986	27.927	27.926	19
20	28.293	28.252	28.216	28.185	28.294	28.345	28.253	28.135	28.085	28.003	27.928	27.926E	20
21	28.289	28.251	28.222	28.186	28.301	28.345	28.254	28.121	28.081	28.003	27.936	27.923E	21
22	28.285	28.244	28.220	28.185	28.306	28.348	28.244	28.123	28.083	27.980	27.930	27.922	22
23	28.284	28.243	28.218	28.187	28.298	28.348	28.231	28.121	28.081	28.011	27.935	27.922E	23
24	28.283	28.242	28.216	28.186	28.301	28.334	28.235	28.125	28.084	28.014	27.927	27.923E	24
25	28.288	28.241	28.211	28.191	28.305	28.332	28.233	28.129	28.084	27.978	27.939	27.923	25
26	28.285	28.238	28.206	28.195	28.301	28.337	28.232	28.114	28.085	27.948	27.929	27.923E	26
27	28.286	28.234	28.213	28.200	28.298	28.335	28.236	28.128	28.084	27.967	27.930	27.922	27
28	28.281	28.232	28.210	28.203	28.303	28.331	28.231	28.117	28.043	27.982	27.928	27.921	28
29	28.277		28.209	28.208	28.304	28.330	28.231	28.089	28.029	27.958	27.926	27.918	29
30	28.278		28.209	28.208	28.305	28.329	28.233	28.121	28.050	27.977	27.926E	27.921	30
31	28.275		28.203		28.308		28.228	28.102		27.982		27.921E	31
MEAN	28.299	28.257	28.220	28.191	28.273	28.335	28.273	28.155	28.087	27.987	27.939	27.927	MEAN
MAX	28.317	28.276	28.236	28.209	28.308	28.348	28.328	28.214	28.123	28.054	27.969	27.936	MAX
MIN	28.275	28.232	28.203	28.179	28.218	28.285	28.228	28.089	28.028	27.948	27.925	27.918	MIN

WATER LEVELS IN METRES

MEAN, 28.182
MAXIMUM DAILY, 28.348 ON JUN 22
MINIMUM DAILY, 27.918 ON DEC 28
MAXIMUM INSTANTANEOUS,
28.388 AT 00:08 CST ON JUN 13

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 50 N
LONG 103 16 50 W

E - ESTIMATED

NATURAL FLOW

WOOD RIVER DIVERSION TO CHAPLIN LAKE - STATION NO. 05JC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0508	0.1518	1.30	1.19	0.088	0.026	0.028	0.158	0.017	---	---	1
2	---	0.0508	0.1478	1.31	1.14	0.073	0.021	0.016	0.131	0.018	---	---	2
3	---	0.0508	0.1498	1.24	1.12	0.093	0.018	0.017	0.097	0.018	---	---	3
4	---	0.0508	0.1448	1.22	1.10	0.114	0.021	0.019	0.107	0.012	---	---	4
5	---	0.0508	0.0848	1.20	1.08	0.116	0.014	0.023	0.108	0.012	---	---	5
6	---	0.0608	0.0538	1.18	0.983	0.093	0.012	0.015	0.105	0.014	---	---	6
7	---	0.0708	0.0618	1.13	0.890	0.084	0.014	0.013	0.093	0.011	---	---	7
8	---	0.0808	0.0608	1.08	0.804	0.081	0.011	0.016	0.085	0.018	---	---	8
9	---	0.0908	0.0588	0.988	0.718	0.078	0.012	0.013	0.081	0.014	---	---	9
10	---	0.1008	0.0488	1.05	0.894	0.089	0.013	0.012	0.081	0.010	---	---	10
11	---	0.1058	0.0438	0.927	0.547	0.086	0.011	0.011	0.071	0.008	---	---	11
12	---	0.1108	0.0408	0.676	0.451	0.080	0.011	0.008	0.087	0.007	---	---	12
13	---	0.1158	0.0408	0.844	0.427	0.041	0.009	0.005	0.080	0.007	---	---	13
14	---	0.1408	0.0458	0.816	0.391	0.040	0.008	0.013	0.056	0.008	---	---	14
15	---	0.1228	0.0388	0.785	0.382	0.038	0.007	0.024	0.057	0.008	---	---	15
16	---	0.1288	0.0478	0.750	0.400	0.036	0.008	0.015	0.059	0.005	---	---	16
17	---	0.1328	0.0588	0.749	0.337	0.028	0.005	0.019	0.060	0.004	---	---	17
18	---	0.1358	0.0618	0.795	0.322	0.023	0.016	0.017	0.054	0.008	---	---	18
19	---	0.1408	0.0648	0.794	0.301	0.026	0.024	0.021	0.051	0.018	---	---	19
20	---	0.1488	0.0728	0.818	0.283	0.028	0.014	0.071	0.046	0.010	---	---	20
21	---	0.1518	0.0918	0.844	0.281	0.021	0.011	0.167	0.042	0.027	---	---	21
22	---	0.1528	0.1238	1.06	0.214	0.018	0.026	0.279	0.039	0.012	---	---	22
23	---	0.1488	0.1538	1.30	0.188	0.018	0.030	0.328	0.037	0.008	---	---	23
24	---	0.1458	0.2388	1.40	0.175	0.018	0.028	0.341	0.034	0.006	---	---	24
25	---	0.1448	0.3718	1.54	0.158	0.014	0.028	0.334	0.028	0.008	---	---	25
26	---	0.1538	0.5028	1.80	0.151	0.012	0.030	0.315	0.027	0.010	---	---	26
27	---	0.1618	0.5768	1.91	0.154	0.012	0.025	0.278	0.030	0.009	---	---	27
28	---	0.1588	0.654	1.43	0.148	0.020	0.024	0.250	0.020	0.006	---	---	28
29	---		0.905	1.32	0.136	0.025	0.039	0.236	0.010	0.007	---	---	29
30	---		1.13	1.25	0.133	0.028	0.046	0.207	0.017	0.007A	---	---	30
31	---		1.28		0.118		0.038	0.188		0.007E		---	31
TOTAL	---	3.148	7.510	33.078	15.348	1.433	0.801	3.315	1.915	0.327	---	---	TOTAL
MEAN	---	0.112	0.242	1.10	0.495	0.048	0.018	0.107	0.064	0.011	---	---	MEAN
MAX	---	0.161	1.28	1.80	1.19	0.116	0.046	0.341	0.158	0.027	---	---	MAX
MIN	---	0.050	0.039	0.749	0.118	0.012	0.005	0.005	0.010	0.004	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.244
MAXIMUM DAILY, 1.80 ON APR 26
MINIMUM DAILY, 0.004 ON OCT 17
MAXIMUM INSTANTANEOUS,
1.82 AT 02:57 CST ON APR 26

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 46 N
LONG 105 21 31 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	51.9
FEB	272	AUG	286
MAR	649	SEP	165
APR	2 860	OCT	28.3
MAY	1 330	NOV	---
JUN	124	DEC	---

TOTAL DISCHARGE, 5 770 dam³

WOOD RIVER NEAR LAFLECHE - STATION NO. 05JA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.1678	0.5628	0.250	0.016	0	2.02	0.215	0.002	---	---	1
2	---	0 B	0.1618	0.9888	0.229	0.009	0	1.78	0.281	0.002	---	---	2
3	---	0 B	0.1488	1.78 B	0.220	0.008	0	1.33	0.255	0.002	---	---	3
4	---	0 B	0.1468	2.27 B	0.197	0.007	0	0.990	0.226	0.002	---	---	4
5	---	0 B	0.1488	3.91 B	0.188	0.003	0	1.53	0.183	0.002	---	---	5
6	---	0 B	0.1528	4.05 B	0.163	0.001	0	2.48	0.144	0.002	---	---	6
7	---	0 B	0.1568	3.11 B	0.126	0	0	2.12	0.111	0.003	---	---	7
8	---	0 B	0.1338	2.71 B	0.115	0	0	1.76	0.084	0.002	---	---	8
9	---	0 B	0.1338	4.85 B	0.122	0	0	1.53	0.080	0.003	---	---	9
10	---	0 B	0.1188	3.27	0.140	0	0	1.30	0.063	0.003	---	---	10
11	---	0 B	0.1168	1.97	0.143	0	0	0.918	0.048	0.003	---	---	11
12	---	0 B	0.1578	1.70	0.130	0	0	0.734	0.048	0.004	---	---	12
13	---	0 B	0.8038	1.51	0.118	0	0	0.559	0.047	0.003	---	---	13
14	---	0 B	1.88 B	1.29	0.110	0	0	0.426	0.038	0.003	---	---	14
15	---	0 B	1.67 B	1.11	0.094	0	0	0.321	0.026	0.003	---	---	15
16	---	0 B	1.72 B	1.00	0.085	0	0	0.233	0.022	0.003	---	---	16
17	---	0 B	1.51 B	0.820	0.077	0	0	0.180	0.019	0.002	---	---	17
18	---	0 B	1.20 B	0.840	0.089	0	0	0.103	0.015	0.003	---	---	18
19	---	0 B	0.8108	0.779	0.081	0	0	0.283	0.012	0.002	---	---	19
20	---	0 B	0.7428	0.730	0.068	0	0	1.29	0.009	0.003	---	---	20
21	---	0 B	0.8248	0.679	0.062	0	0	1.46	0.005	0.002	---	---	21
22	---	0 B	0.8498	0.808	0.047	0	0	1.36	0.003	0.002	---	---	22
23	---	0 B	0.5488	0.545	0.041	0	0	1.22	0.002	0.003	---	---	23
24	---	0 B	0.5308	0.492	0.035	0	0	0.997	0.002	0.003	---	---	24
25	---	0 B	0.5148	0.483	0.034	0	0	0.726	0.002	0.002	---	---	25
26	---	0 B	0.5068	0.421	0.036	0	0	0.489	0.002	0.002	---	---	26
27	---	0 2048	0.4758	0.382	0.036	0	0	0.328	0.002	0.002	---	---	27
28	---	0 2418	0.5268	0.336	0.037	0	0	0.239	0.002	0.002A	---	---	28
29	---		0.5258	0.304	0.033	0	0	0.189	0.002	0.002E	---	---	29
30	---		0.5068	0.276	0.028	0	0	0.173	0.002	0.002E	---	---	30
31	---		0.5998		0.021		0 808	0.199		0.002E	---	---	31
TOTAL	---	0 445	16.293	43.875	3.051	0.045	0 808	29.135	1.901	0.078	---	---	TOTAL
MEAN	---	0 016	0.580	1.46	0.098	0.002	0.020	0.940	0.063	0.002	---	---	MEAN
MAX	---	0 241	1.87	4.85	0.250	0.016	0.808	2.48	0.281	0.004	---	---	MAX
MIN	---	0	0.116	0.276	0.021	0	0	0.103	0.002	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.356
MAXIMUM DAILY, 4.858 ON APR 5
MINIMUM DAILY, 08 ON FEB 1
MAXIMUM INSTANTANEOUS,
4 818 AT 07:18 CST ON APR 5

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 01 N
LONG 106 41 33 W
DRAINAGE AREA, 4 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	52 6
FEB	38 4	AUG	2 520
MAR	1 580	SEP	184
APR	3 770	OCT	8 57
MAY	284	NOV	---
JUN	3 88	DEC	---

TOTAL DISCHARGE, 8 400 dam³

YELLOW GRASS DITCH NEAR YELLOW GRASS - STATION NO. 05MB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.40 B	0	0	0	0	0	0	---	---	1
2	---	---	0 B	1.25	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.984	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.787	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.614	0	0	0	0	0	0	---	---	5
6	---	---	0.0058	0.473	0	0	0	0	0	0	---	---	6
7	---	---	0.0208	0.381	0	0	0	0	0	0	---	---	7
8	---	---	0.0078	0.295	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.213	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.142	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.120	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.123	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.099	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.087	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.083	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.065	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.057	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.039	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.054	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.023	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.007	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.020	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.002	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0.002	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0.002	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0.013	0	0	0	0	0	0	---	---	26
27	---	---	0.0098	0	0	0	0	0	0	0	---	---	27
28	---	---	0.0838	0	0	0	0	0	0	0	---	---	28
29	---		0.2808	0	0	0	0	0	0	0	---	---	29
30	---		0.5188	0	0	0	0	0	0	0	---	---	30
31	---		1.37 B		0		0	0		0		---	31
TOTAL	---	---	2.172	7.328	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.070	0.244	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.37	1.40	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.039
MAXIMUM DAILY, 1.400 ON APR 1
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.578 AT 21:46 CST ON MAR 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 11 N
LONG 104 02 16 W
DRAINAGE AREA, 1 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	186	SEP	0
APR	633	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 821 dam³

YORK LAKE NEAR YORKTON - STATION NO. 05MB014

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	$11.508	$11.617	$11.515	$11.538	$11.451	$11.375	---	---	1
2	---	---	---	---	$11.504	$11.612	$11.538	$11.538	$11.447	---	---	---	2
3	---	---	---	---	$11.500	$11.612	$11.541	$11.534	$11.442	---	---	---	3
4	---	---	---	---	$11.497	$11.610	$11.541	$11.531	$11.438	---	---	---	4
5	---	---	---	---	$11.495	$11.608	$11.541	$11.528	$11.436	---	---	---	5
6	---	---	---	---	$11.492	$11.606	$11.541	$11.528	$11.431	---	---	---	6
7	---	---	---	---	$11.490	$11.605	$11.579	$11.524	$11.428	---	---	---	7
8	---	---	---	---	$11.488	$11.604	$11.571	$11.521	$11.423	---	---	---	8
9	---	---	---	---	$11.487	$11.602	$11.571	$11.518	$11.417	---	---	---	9
10	---	---	---	---	$11.493	$11.587	$11.586	$11.516	$11.415	---	---	---	10
11	---	---	---	---	$11.508	$11.587	$11.586	$11.508	$11.413	---	---	---	11
12	---	---	---	---	$11.523	$11.582	$11.586	$11.511	$11.411	---	---	---	12
13	---	---	---	---	$11.530	$11.577	$11.585	$11.509	$11.410	---	---	---	13
14	---	---	---	---	$11.547	$11.572	$11.584	$11.508	$11.408	---	---	---	14
15	---	---	---	---	$11.553	$11.569	$11.582	$11.504	$11.407	---	---	---	15
16	---	---	---	---	$11.568	$11.567	$11.581	$11.501	$11.405	---	---	---	16
17	---	---	---	---	$11.582	$11.562	$11.556	$11.497	$11.405	---	---	---	17
18	---	---	---	---	$11.587	$11.555	$11.548	$11.493	$11.407	---	---	---	18
19	---	---	---	---	$11.612	$11.547	$11.541	$11.488	$11.407	---	---	---	19
20	---	---	---	---	$11.617	$11.541	$11.538	$11.488	$11.407	---	---	---	20
21	---	---	---	---	$11.615	$11.531	$11.531	$11.473	$11.403	---	---	---	21
22	---	---	---	---	$11.612	$11.526	$11.531	$11.478	$11.401	---	---	---	22
23	---	---	---	---	$11.607	$11.518	$11.530	$11.475	$11.398	---	---	---	23
24	---	---	---	---	$11.606	$11.511	$11.528	$11.471	$11.395	---	---	---	24
25	---	---	---	---	$11.605	$11.506	$11.528	$11.468	$11.393	---	---	---	25
26	---	---	---	---	$11.603	$11.501	$11.527	$11.468	$11.391	---	---	---	26
27	---	---	---	---	$11.603	$11.488	$11.526	$11.464	$11.389	$11.347	---	---	27
28	---	---	---	---	$11.602	$11.501	$11.525	$11.461	$11.388	---	---	---	28
29	---		---	$11.611	$11.632	$11.511	$11.524	$11.458	$11.384	---	---	---	29
30	---		---	---	$11.627	$11.518	$11.521	$11.458	$11.380	---	---	---	30
31	---		---		$11.627		$11.538	$11.458		---		---	31
MEAN	---	---	---	---	$11.569	$11.562	$11.544	$11.497	$11.411	---	---	---	MEAN
MAX	---	---	---	---	$11.632	$11.617	$11.579	$11.538	$11.451	---	---	---	MAX
MIN	---	---	---	---	$11.487	$11.498	$11.515	$11.458	$11.380	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, $11.632 ON MAY 29

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 09 57 N
LONG 102 29 53 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

YORKTON CREEK NEAR EBENEZER - STATION NO. 05MB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	1.21 B	0.077	0.122	0.217	0.043	0.045	0.095	0.071	---	1
2	---	---	0.0108	1.36 B	0.067	0.202	0.521	0.028	0.048	0.129	0.058A	---	2
3	---	---	0.0118	1.40 B	0.068	0.208	0.297	0.057	0.037	0.224	---	---	3
4	---	---	0.0128	1.88 B	0.082	0.187	0.287	0.088	0.031	0.219	---	---	4
5	---	---	0.0128	2.49 B	0.068	0.304	0.278	0.118	0.037	0.194	---	---	5
6	---	---	0.0188	2.11 B	0.058	0.194	0.314	0.128	0.034	0.181	---	---	6
7	---	---	0.0218	1.82 B	0.068	0.185	1.21	0.122	0.037	0.133	---	---	7
8	---	---	0.0198	1.24 B	0.088	0.180	0.858	0.158	0.038	0.140	---	---	8
9	---	---	0.0238	0.903	0.078	0.174	0.341	0.232	0.017	0.127	---	---	9
10	---	---	0.0378	0.877	0.088	0.185	0.328	0.280	0.018	0.108	---	---	10
11	---	---	0.0388	0.588	0.073	0.180	0.425	0.248	0.020	0.104	---	---	11
12	---	---	0.0368	0.484	0.084	0.185	0.277	0.233	0.028	0.112	---	---	12
13	---	---	0.0288	0.395	0.081	0.175	0.258	0.248	0.018	0.186	---	---	13
14	---	---	0.0278	0.372	0.080	0.163	0.207	0.280	0.014	0.120	---	---	14
15	---	---	0.0288	0.330	0.088	0.131	0.148	0.282	0.022	0.101	---	---	15
16	---	---	0.0278	0.304	0.088	0.134	0.138	0.288	0.018	0.081	---	---	16
17	---	---	0.0278	0.274	0.088	0.131	0.088	0.232	0.048	0.078	---	---	17
18	---	---	0.0278	0.274	0.088	0.128	0.071	0.208	0.048	0.087	---	---	18
19	---	---	0.0288	0.249	0.080	0.117	0.074	0.198	0.132	0.084	---	---	19
20	---	---	0.0318	0.278	0.082	0.120	0.085	0.181	0.214	0.087	---	---	20
21	---	---	0.0738	0.238	0.071	0.119	0.088	0.171	0.175	0.087	---	---	21
22	---	---	0.8338	0.211	0.088	0.108	0.074	0.158	0.148	0.080	---	---	22
23	---	---	2.78 B	0.195	0.087	0.102	0.074	0.134	0.103	0.058	---	---	23
24	---	---	3.85 B	0.188	0.081	0.083	0.088	0.105	0.071	0.084	---	---	24
25	---	---	3.88 B	0.128	0.083	0.083	0.077	0.110	0.081	0.071	---	---	25
26	---	---	3.39 B	0.142	0.090	0.135	0.080	0.087	0.089	0.078	---	---	26
27	---	---	2.98 B	0.138	0.083	0.123	0.087	0.073	0.080	0.085	---	---	27
28	---	---	3.32 B	0.103	0.122	0.135	0.088	0.073	0.127	0.083	---	---	28
29	---		2.33 B	0.083	0.314	0.175	0.035	0.077	0.107	0.073	---	---	29
30	---		1.32 B	0.078	0.147	0.180	0.038	0.078	0.108	0.073	---	---	30
31	---		1.23 B		0.080		0.045	0.089		0.073		---	31
TOTAL	---	---	28.085	19.884	2.549	4.884	7.078	4.721	1.887	3.285	---	---	TOTAL
MEAN	---	---	0.840	0.662	0.082	0.162	0.228	0.152	0.066	0.106	---	---	MEAN
MAX	---	---	3.85	2.49	0.314	0.304	1.21	0.288	0.214	0.224	---	---	MAX
MIN	---	---	0.010	0.078	0.049	0.083	0.035	0.028	0.014	0.058	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 3.888 ON MAR 26
MINIMUM DAILY, 0.0108 ON MAR 1
MAXIMUM INSTANTANEOUS,
4.048 AT 08:04 CST ON MAR 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 50 N
LONG 102 30 11 W
DRAINAGE AREA, 2 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	812
FEB	---	AUG	408
MAR	2 280	SEP	170
APR	1 720	OCT	285
MAY	220	NOV	---
JUN	383	DEC	---

TOTAL DISCHARGE, 5 080 dam³

NAME	STATION NO	PAGE
ADAMS LAKE		
ALCOTT CREEK ABOVE MEADOW LAKE	11AB085	1
ALTAWAN RESERVOIR NEAR GOVENLOCK	05AD011	1
AMISK LAKE NEAR FLIN FLON	11AB089	2
ANGLIN LAKE RESERVOIR	05KG003	2
ANTELOPE CREEK NEAR CABRI	05GG005	3
ANTLER RIVER NEAR WAUCHOPE	05MC005	3
ARCOLA INDEX RESERVOIR	05NF010	4
ARM RIVER NEAR BETHUNE	05NC006	4
ASSINIBOINE RIVER AT KAMSACK	05JM001	5
ASSINIBOINE RIVER AT STURGIS	05MD004	5
AVONLEA CREEK NEAR ROULEAU	05MC001	6
AVONLEA INDEX RESERVOIR	05JE005	6
AVONLEA RESERVOIR NEAR AVONLEA	05JE010	7
	05JE007	7
BALLANTYNE RIVER ABOVE BALLANTYNE BAY		
BATTLE CREEK AT ALBERTA BOUNDARY	05KF001	8
BATTLE CREEK AT INTERNATIONAL BOUNDARY	11AB117	8
BATTLE CREEK BELOW NASHLYN PROJECT	11AB027	9
BATTLE CREEK BELOW WILSON'S WEIR	11AB101	9
BATTLE CREEK NEAR CONSUL	11AB118	10
BATTLE RIVER AT BATTLEFORD	11AB088	10
BEAR CREEK NEAR PIAPOT	05FF001	11
BEAVER CREEK AT INTERNATIONAL BOUNDARY	05HA003	11
BEAVER RIVER BELOW WATERHEN RIVER	11AF005	12
BEAVER RIVER NEAR DORINTOSH	05AE001	12
BELANGER CREEK DIVERSION TO CYPRESS LAKE	05AD001	13
BIG GULLY CREEK NEAR MAIDSTONE	11AC054	13
BIG QUILL LAKE NEAR KANDAHAR	05EF005	14
BIG SANDY LAKE ON THE HANSON LAKE ROAD	05MA010	14
BIGSTONE LAKE NEAR LA RONGE	05KF004	15
BIRCH CREEK NEAR ELFROS	05CA004	15
BIRLING CREEK NEAR PAYNTON	05MA011	16
BOGGY CREEK NEAR LUMSDEN	05EE006	16
BOUNDARY RESERVOIR NEAR ESTEVAN	05JF006	17
BOXELDER CREEK NEAR WALSH	05NB012	17
BRIDGE CREEK AT GULL LAKE	05AH001	18
BRIGHTSAND LAKE NEAR ST. WALBURG	05HA015	18
BRIGHTWATER CREEK NEAR KENASTON	05EE010	19
BRIGHTWATER CREEK NEAR PROCTOR LAKE	05HE002	19
BRIGHTWATER RESERVOIR AT RIPARIAN OUTLET	05HE020	20
BRODERICK IRRIGATION PROJECT MAIN CANAL BELOW PUMPING STATION	05HE006	20
BRODERICK RESERVOIR AT WEST EMBANKMENT	05HF007	21
BROKENSHELL CREEK NEAR TROSSACHS	05NF017	21
BUFFALO POUND LAKE AT PUMPING STATION	05JE009	22
BURNTOUT BROOK NEAR ARBORFIELD	05JG009	22
	05KB005	23
CANDLE LAKE AT CANDLE LAKE		
CANOE RIVER NEAR BEAUVAL	05KE008	23
CARROT RIVER NEAR ARMLEY	05BB005	24
CARROT RIVER NEAR KINISTINO	05KB003	24
CARROT RIVER NEAR SMOKY BURN	05KA001	25
CARROT RIVER NEAR TURNBERRY	05KC001	25
CHIPMAN RIVER ABOVE BLACK LAKE	05KH007	26
CHITEK LAKE AT CHITEK VILLAGE	07LC002	26
CHRISTOPHER LAKE NEAR CHRISTOPHER LAKE	05AD012	27
CHURCHILL LAKE AT BUFFALO NARROWS	05EG008	27
CHURCHILL RIVER ABOVE MAPLE LEAF RAPIDS	05BA001	28
CHURCHILL RIVER ABOVE OTTER RAPIDS	05EA010	28
CHURCHILL RIVER ABOVE WINTEGO RAPIDS	06CD002	29
CHURCHILL RIVER AT SANDY BAY	05EA011	29
CHURCHILL RIVER NEAR PATUANAK	05EA002	30
CLEARWATER RIVER AT OUTLET OF LLOYD LAKE	04BB003	30
CODETTE RESERVOIR ABOVE THE SPILLWAY	07CD008	31
CONJURING CREEK NEAR PRINCEVILLE	05KD008	31
COOKSON RESERVOIR NEAR CORONACH	05MC004	32
COTTONWOOD CREEK NEAR LUMSDEN	11AE013	32
COWAN LAKE NEAR HONEYMOON POINT	05JF011	33
CREE LAKE AT CABLE BAY	06AE002	33
CREE RIVER AT OUTLET OF WAPATA LAKE	07LB001	34
CREIGHTON TRIBUTARY NEAR TOTNES	07LD002	34
CROMARTY CREEK NEAR BIRCH HILLS	05NF014	35
CROOKED HILL CREEK NEAR CANORA	05HH002	35
CROOKED LAKE NEAR GRAYSON	05NB005	36
CRYSTAL CREEK NEAR IFFLEY	05JM005	36
CUMBERLAND LAKE NEAR CUMBERLAND HOUSE	05EC004	37
CUTARM CREEK NEAR SPY HILL	05KH002	37
CUTKNIFE CREEK NEAR CUTKNIFE	05JM015	38
CYPRESS LAKE	05FF003	38
CYPRESS LAKE EAST OUTFLOW CANAL	11AC037	39
CYPRESS LAKE WEST INFLOW CANAL	11AC040	39
CYPRESS LAKE WEST INFLOW CANAL DRAIN	11AB078	40
CYPRESS LAKE WEST OUTFLOW CANAL	11AB038	40
	11AB077	41
DEAD LAKE PROJECT - SOURIS RIVER CHANNEL		
DEAD LAKE RESERVOIR NEAR MIDALE	05NB028	41
DELARONDE LAKE NEAR BIG RIVER	05NB022	42
DENNIEL CREEK NEAR VAL MARIE	05AE004	42
DESCHAMBAULT LAKE ON THE HANSON LAKE ROAD	11AC025	43
DESCHARME RIVER BELOW DUPRE LAKE	05KF003	43
DILLON RIVER BELOW DILLON LAKE	07CD007	44
DOGHIDE RIVER NEAR RUNCIMAN	05BA002	44
DORE LAKE AT DORE LAKE	05KB011	45
DORE RIVER NEAR THE MOUTH	05AE003	45
DOUGLAS RIVER NEAR CLUFF LAKE	05AE002	46
DOWNIE LAKE INFLOW CANAL	07MA003	46
DOWNIE LAKE RESERVOIR NEAR MAPLE CREEK	05HA070	47
DRAGLINE CHANNEL NEAR SQUAW RAPIDS	05HA084	47
DUCK CREEK NEAR KELVINGTON	05KH011	48
	05LA003	48
EAGLE CREEK NEAR ANGLIA		
EAGLE CREEK NEAR ENVIRON	05GC003	48
EAST POPLAR RIVER ABOVE COOKSON RESERVOIR	05GC006	49
EAST POPLAR RIVER AT INTERNATIONAL BOUNDARY	11AE014	50
EASTEND CANAL	11AE003	50
EASTEND RESERVOIR	11AC052	51
ECHO CREEK AT FORT QU'APPELLE	11AC055	51
ECHO LAKE AT FISH HATCHERY	05JK006	52
EKAPO CREEK NEAR MARIEVAL	05JK005	52
ELBOW DIVERSION CANAL AT DROP STRUCTURE	05JM010	53
EMMA LAKE NEAR TWEEDSMUIR	05JG008	53
ENGLISHMAN RIVER NEAR SPRUCE LAKE	05GG006	54
ETOMAMI RIVER NEAR BERTWELL	05EF004	54
EYEHILL CREEK NEAR MACKLIN	05LB002	55
	05CA007	55
FAHLMAN CREEK NEAR DAVIN		
PIPE LAKE NEAR LISIEUX	05JF005	56
FIR RIVER NEAR HUDSON BAY	11AE016	56
FISHING LAKE NEAR WADENA	05LB007	57
	05MB013	57

NAME	STATION NO	PAGE
FLOWING WELL WEST INFLOW NEAR FLOWING WELL	05JC007	58
FOND DU LAC RIVER AT OUTLET OF BLACK LAKE	07LE002	58
FOSTER RIVER ABOVE CHURCHILL RIVER	09CE001	59
FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY	11AC041	59
FRENCHMAN RIVER BELOW EASTEND RESERVOIR	11AC001	60
FRENCHMAN RIVER BELOW NEWTON LAKE	11AC052	60
FROBISHER INDEX RESERVOIR	05ND008	61
GAFF DITCH NEAR MERRYFLAT	11AB102	61
GAINSBOROUGH CREEK NEAR STORTHOAKS	05NF013	62
GAP CREEK BELOW DOWNIE LAKE DIVERSION	05HA089	62
GARDEN RIVER NEAR HENRIBOURG	05CC010	63
GEIKIE RIVER BELOW WHEELER RIVER	05DA004	63
GIBSON CREEK NEAR RADVILLE	05NA005	64
GIRARD CREEK NEAR CORONACH	11AE015	64
GOOD SPIRIT LAKE NEAR CANORA	05MB010	65
GOOSEHUNTING CREEK NEAR BEATTY	05KA009	65
GREASE RIVER BELOW FONTAINE LAKE	07LE003	66
GREENWATER LAKE NEAR CHELAN	05LB011	66
GREIG LAKE NEAR DORINTOSH	05AF010	67
HAPPYLAND CREEK NEAR FOX VALLEY	05MB002	67
HARRIS RESERVOIR NEAR MAPLE CREEK	05HA074	68
HAULTAIN RIVER ABOVE NORBERT RIVER	05BB001	68
HAY MEADOW CREEK NEAR LISIEUX	11AE010	69
HUFF LAKE	11AC083	69
HUFF LAKE GRAVITY CANAL	11AC085	70
HUFF LAKE PUMPING CANAL	11AC088	70
HUNTER CREEK NEAR RICHARDSON	05JF014	71
INDIANHEAD CREEK NEAR INDIAN HEAD	05JL002	71
INVERNESS CREEK NEAR BRODERICK	05NE021	72
IRONSPRING CREEK NEAR WATSON	05NA012	72
ISKWAD CREEK NEAR CRAIK	05JE014	73
JACKFISH LAKE NEAR COCHIN	05EE003	73
JACKFISH RIVER NEAR PRINCE	05EE007	74
JAN LAKE NEAR THE HANSON LAKE ROAD	05KE010	74
JEWEL CREEK NEAR GOODWATER	05NB014	75
JUMPING DEER CREEK NEAR LIPTON	05JK004	75
JUNCTION RESERVOIR NEAR MAPLE CREEK	05HA063	76
KATEPWA LAKE AT KATEPWA BEACH	05JL004	76
KEELEY RIVER AT OUTLET OF KEELEY LAKE	05BB004	77
KELSEY CREEK NEAR GARRICK	05KE007	77
KENOSEE LAKE NEAR CARLYLE	05ND009	78
KIPABISKAU LAKE NEAR MCKAGUE	05LA007	78
KNOX COULEE NEAR YUKFORD	05JE015	79
KOHLESCHMIDT CREEK NEAR ROSTHERN	05HH003	79
LAC DES ILES NEAR GOODSOIL	06AF008	80
LAC LA RONGE AT LA RONGE	06CB001	80
LAC PELLETIER NEAR VESPER	05MD028	81
LAKE ATHABASCA NEAR CRACKINGSTONE POINT	07MC003	81
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